

Saint Joseph's College:



“Involved For Life”

2003 - 2004 Academic Catalog

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Saint Joseph's College adheres to the following policy with regard to the recruitment and admission of students, awarding financial or other assistance, provision and management of housing facilities, counseling of students, employment of individuals, the conduct of College sponsored programs or events, and the overall administration of the College:

No person shall on the basis of race, color, sex, age, handicap, national or ethnic origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination, under any program or activity sponsored by the College.

The College reserves the right to change certain requirements for degrees, prerequisites, majors, fees, scheduling, etc. A student who has discontinued college studies for a full semester or more is regarded as re-entering the College when resuming studies and will be held to the requirements current at re-entrance.

Accredited by:
National Council for Accreditation of Teacher Education.
The Higher Learning Commission of the North Central Association of Colleges and Schools.
State of Indiana Professional Standards Board for the preparation of elementary and secondary teachers.

With Membership in:
American Catholic Philosophical Association
American Council on Education
Association of American Colleges
Association of American Colleges for Teacher Education
Associated Colleges of Indiana
Association of General and Liberal Studies
Catholic Library Association
College Entrance Examination Board
Council of Independent Colleges
Independent Colleges and Universities of Indiana
Indiana Academy of Social Sciences
Indiana Association of Colleges for Teacher Education
Indiana Conference of Higher Education
Indiana Consortium for International Programs
National Catholic Education Association
National Commission on Accreditation

**2003-2004 Catalog of Academic Programs,
Course Descriptions and Academic Policies**



**SAINT
JOSEPH'S
COLLEGE
INDIANA**

Involved For Life

A liberal arts college for men and women sponsored by the Missionaries of the Precious Blood (C.P.P.S),
granting Associate, Baccalaureate and Master Degrees.


SAINT JOSEPH'S COLLEGE BULLETIN, RENSSELAER, INDIANA 47978
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Welcome to Saint Joseph's College!

Saint Joseph's College has served students for over a century. Our student-centered campus and curriculum are designed to create an environment which encourages learning. We take pride in our Catholic heritage, our strong career preparation and our strong humanities-based liberal arts Core Curriculum.

Our unique blend of a strong career focus with a liberal arts education will prepare you not only for your first job experience following college, but will prepare you for the life changes, career shifts and growth opportunities that you will face throughout your life.

I invite you to browse our *Catalog*, look closely at our academic programs, review our policies, and enjoy this overview and tour of Saint Joseph's College. You can also learn more about Saint Joseph's College by visiting our Web site at www.saintjoe.edu.

If you have any questions, feel free to contact one of our faculty, staff or admissions counselors. They will be pleased to talk with you.

Ernest R. Mills, III, J.D.
President

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SAINT JOSEPH'S COLLEGE
ACADEMIC CALENDAR 2003-2004

FALL SEMESTER (TERM 031)

Aug 10	Sun	Deadline for financial arrangements with College Bank
Aug 21	Thur	Freshman orientation
Aug 22	Fri	Freshman orientation and enrollment in ballroom
Aug 24	Sun	Upperclassmen enrollment/registration - P.M. in ballroom
Aug 25	Mon	Classes begin 8:00 A.M.
Aug 28	Thur	Opening Convocation
Aug 29	Fri	Last day to make course changes (add/drop period) Last day to register independent study projects for fall term
Sep 1	Mon	Labor Day-No classes
Sep 3	Wed	All clubs must be registered with the Director of Student Activities
Oct 16	Thur	End of mid-term period
Oct 17	Fri	No classes
Oct 20	Mon	Classes resume at 8:00 A.M.
Oct 21	Tue	Mid-term grades due 10:00 A.M. in Registrar's Office
Nov 5	Wed	Last day for declaration of pass/not pass option for eligible courses Last day for course withdrawals
Nov 10	Mon	Registration for Winter Term opens in the ballroom
Nov 14	Fri	Registration for Winter Term closes
Nov 21	Fri	Thanksgiving recess begins after the last class
Dec 1	Mon	Classes resume at 8:00 A.M.
Dec 15	Mon	Exam week begins
Dec 18	Thur	Exam week ends. Last day of Fall Term.
Dec 22	Mon	Grades due 10:00 A.M. in Registrar's Office
Dec 30	Tue	Final grade reports mailed to student's permanent (home) address

WINTER SEMESTER (TERM 032)

Dec 10	Wed	Deadline for financial arrangements with College Bank
Jan 11	Sun	New students enroll & register. Late registration for returning students who did not register in November.
Jan 12	Mon	Classes begin at 8:00 A.M.
Jan 16	Fri	Last day to make changes in course schedules (add/drop period) Last day to register independent study projects for Winter Term
Jan 22	Thu	Deadline for removal of "I" grades & petition for grade changes for Fall Term
Mar 5	Fri	End of mid-term period; Spring break begins after the last class
Mar 9	Tue	Mid-term grades due 10:00 A.M. in Registrar's office
Mar 15	Mon	Classes resume at 8:00 A.M.
Mar 24	Wed	Last day for declaration of pass/not pass option for eligible courses Last day for course withdrawal.
Apr 5	Mon	Registration for Spring and Fall (2004) term opens
Apr 8	Thur	Registration for Spring and Fall closes
Apr 9	Fri	Good Friday - No classes

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Apr 12	Mon	Easter Monday - No classes
Apr 13	Tue	Classes resume at 8:00 A.M.
May 3	Mon	Exam week begins
May 6	Thur	Exam week ends. Last day of Winter Term.
May 7	Fri	Senior grades due 8:00 A.M. in Registrar's Office
May 9	Sun	Commencement
May 11	Tue	Grades of all other students due 10:00 A.M. in the Registrar's Office
May 14	Fri	Final grade reports mailed to the student's permanent (home) address by this date.
Jun 10	Thur	Deadline for removal of "I" grades & petition for grade changes for Winter Term

SPRING SESSION (TERM 033)

May 17	Mon	Enrollment & registration Registrar's Office
May 18	Tue	Classes begin (5-week session & 8-week session)
May 19	Wed	Final day to enroll & register for Spring Term Final day to make course changes (add/drop period)
May 24	Mon	Memorial Day - No classes
May 27	Thur	Last day for course withdrawals (5-week session)
Jun 10	Thur	Last day for course withdrawals (8-week session)
Jun 18	Fri	Last day of 5-week Spring session
Jun 22	Tue	Grades due 10:00 A.M. in Registrar's Office (5-week)
Jun 25	Fri	Final grades for Spring term will be mailed to student's permanent (home) address by this date (5-week session)
Jul 5	Mon	Independence Day Observance - No classes
Jul 9	Fri	Last day of 8-week Spring session
Jul 13	Tue	Grades due 10:00 A.M. in Registrar's Office (8 weeks)
Jul 16	Fri	Final grades for term will be mailed to student's permanent (home) address by this date (8-week session)
Jul 23	Fri	Deadline for removal of "I" grades & petition for grade change for spring session (5-week session)
Aug 13	Fri	Deadline for removal of "I" grades & petition for grade change for spring session (8-week session)

SUMMER CHURCH MUSIC AND LITURGY PROGRAM (TERM 034)

Jun 28-29		Placement examinations (MA students)
Jun 30	Wed	Check in and registration for all students; advising of new students
Jul 1	Thur	Classes begin
Jul 6	Tue	Last day for course schedule changes (add/drop period)
Jul 30	Fri	Last day of summer music program, summer commencement
Aug 2	Mon	Grades due at 10:00 A.M. at the Registrar's Office
Sep 3	Fri	Deadline for removal of "I" grades and petition for grade changes for summer session

SAINT JOSEPH'S COLLEGE
ACADEMIC CALENDAR 2004-2005

FALL SEMESTER (TERM 041)

Aug 10	Tue	Deadline for financial arrangements with College Bank
Aug 19	Thur	Freshman orientation
Aug 20	Fri	Freshman orientation & enrollment in ballroom
Aug 22	Sun	Upperclass enrollment/registration - P.M. in ballroom
Aug 23	Mon	Classes begin 8:00 A.M.
Aug 26	Thur	Opening Convocation
Aug 27	Fri	Last day to make course changes (add/drop period) Last day to register independent study projects for Fall Term
Sep 6	Mon	Labor Day - No classes
Sep 8	Wed	All clubs must be registered with the Director of Student Activities
Oct 14	Thur	End of mid-term period
Oct 15	Fri	No classes
Oct 18	Mon	Classes resume at 8:00 A.M.
Oct 19	Tue	Mid-term grades due 10:00 A.M. in Registrar's Office
Nov 3	Wed	Last day for declaration of pass/not pass option for eligible courses Last day for course withdrawals
Nov 8	Mon	Registration for Winter Term opens in the ballroom
Nov 12	Fri	Registration for Winter Term closes
Nov 19	Fri	Thanksgiving recess begins after the last class
Nov 29	Mon	Classes resume at 8:00 A.M.
Dec 13	Mon	Exam week begins
Dec 16	Thur	Exam week ends. Last day of Fall Term.
Dec 20	Mon	Grades due 10:00 A.M. in Registrar's Office
Dec 22	Wed	Final grade reports mailed to student's permanent (home) address

WINTER SEMESTER (TERM 042)

Dec 10	Fri	Deadline for final arrangements with College Bank
Jan 9	Sun	New students enroll & register Late registration in ballroom for returning students who did not register in November
Jan 10	Mon	Classes begin at 8:00 A.M.
Jan 14	Fri	Last day to make course changes (add/drop period) Last day to register independent study projects for Winter Term
Jan 20	Thur	Deadline for removal of "I" grades & petition for grade changes for Fall Term
Mar 4	Fri	End of mid-term period; Spring break begins after last class
Mar 8	Tue	Mid-term grades due 10:00 A.M. in Registrar's Office
Mar 14	Mon	Classes resume at 8:00 A.M.
Mar 23	Wed	Last day for declaration of pass/not pass option for eligible courses Last day for course withdrawals
Mar 25	Fri	Good Friday - No classes
Mar 28	Mon	Easter Monday - No classes

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Mar 29	Tue	Classes resume at 8:00 A.M.
Apr 4	Mon	Registration for Spring Term & Fall Term (2005) opens
Apr 7	Thur	Registration for Spring Term closes Registration for Fall Term closes
May 2	Mon	Exam week begins
May 5	Thur	Exam week ends; Last day of Winter Term
May 6	Fri	Senior grades due 8:00 A.M. in Registrar's Office
May 8	Sun	Commencement
May 10	Tue	Grades of all other students due 10:00 A.M. in Registrar's Office
May 13	Fri	Final grade reports mailed to the student's permanent (home) address
Jun 9	Thur	Deadline for removal of "I" grades & petition for grade changes for Winter Term

SPRING SESSION (TERM 043)

May 16	Mon	Enrollment & registration in Registrar's Office
May 17	Tue	Classes begin (5-week session & 8-week session)
May 20	Fri	Final day to enroll & register for Spring term Last day to make course changes (add/drop period)
May 26	Thur	Last day for course withdrawals (5-week session)
May 30	Mon	Memorial Day - no classes
Jun 2	Thur	Last day for course withdrawals (8-week session)
Jun 17	Fri	Last day of 5-week Spring session
Jun 21	Tue	Grades due 10:00 A.M. in Registrar's Office (5-week)
Jun 24	Fri	Final grades for Spring term will be mailed to student's permanent (home) address (5-week session)
Jul 4	Mon	Independence Day Observance - no classes
Jul 8	Fri	Last day of 8-week Spring session
Jul 12	Tue	Grades due 10:00 A.M. in Registrar's Office (8-week)
Jul 15	Fri	Final grades for term will be mailed to student's permanent (home) address (8-week session)
Jul 22	Fri	Deadline for removal of "I" grades & petition for grade change for Spring session (5-week session)
Aug 12	Fri	Deadline for removal of "I" grades & petition for grade change for Spring session (8-week session)

SUMMER SESSION (TERM 044)

Jun 27-28		Placement examinations (MA students)
Jun 29	Wed	Check-in and registration for all students; advising of new students
Jun 30	Thur	Classes begin
Jul 6	Wed	Last day to make course changes (add/drop period)
Jul 8	Fri	Last day for course withdrawals for term
Jul 29	Fri	Last day of summer session; Summer commencement
Aug 1	Mon	Grades due at 10:00 A.M. at the Registrar's Office
Sep 2	Fri	Deadline for removal of "I" grades and petition for grade changes for summer session

MISSION STATEMENT

Saint Joseph's College (Indiana), a primarily undergraduate Catholic college, founded and sponsored by the Missionaries of the Precious Blood, pledges itself to a tradition of excellence and to a liberal education that is a united endeavor of intelligence and faith.

The College places exceptional emphasis on the education of the whole person. Its nationally known Core Curriculum complements up-to-date career preparation in the major. These academic programs enrich and are enriched by programs of spiritual development, residence education, and athletics.

The College serves a diverse student body composed of men and women of all races, creeds, and socio-economic backgrounds who can thrive academically, spiritually, and socially in this inclusive community.

To fulfill this Mission, the College pledges:

- 1) To form graduates who are competent professionals, capable of assuming leadership roles in the world, who will embody Gospel values in their personal lives and professional careers.
- 2) To conduct the Core Curriculum and, through it, all College programs within the conceptual framework and value commitments of "Christian Humanism" that stem from our Judeo-Christian and Graeco-Roman traditions and from our Vatican II inspiration.
- 3) To give witness in a special way, in all aspects of campus life, academically and existentially, to the Christian Humanist values of justice and love and its commitment to human solidarity and interdependence on national and global levels.
- 4) To add to the emphasis to educate the whole student--intellectually, physically, socially, and spiritually--an abiding concern to provide personalized and individualized care.
- 5) To steward all the resources of the College in truth, in loving justice, and with concern for the needs of the individual.
- 6) To extend personal and professional services as Church and public needs may require.

HISTORY OF THE COLLEGE

In 1867, the Catholic Diocese of Fort Wayne purchased a farm south of Rensselaer on which there were already two frame dwellings. These were converted into an orphanage that existed until 1887. One year later, The Most Reverend Joseph Dwenger, Bishop of Fort Wayne, offered the vacant orphan home with part of the farm to Father Henry Drees, then Provincial of the Missionaries of the Precious Blood, with the stipulation that a college be founded there. In 1889, Saint Joseph's College was incorporated under the laws of the State of Indiana with the right to grant scholastic degrees. The College opened its doors on August 23, 1891.

The educational program in the early years was on two distinct levels, the high school and the Junior college. The aim was to prepare students for professional schools and seminaries, for teaching and for immediate entry into business. The new college passed its first major milestone June 16, 1896, when it presented diplomas to 12 students, its first class of graduates.

10 College History

The original aims of Saint Joseph's changed little until 1925. At that time the College was converted into a minor seminary and for a period of seven years admitted only students preparing for the priesthood. The status of academy and Junior college was re-established in 1931, and plans for the expansion of the school were formulated. Saint Joseph's began to operate as a senior college in 1936, and in June 1938, its first four-year class was graduated.

In the next three decades, Saint Joseph's grew from a school of a few buildings to a contemporary college. The expansion was carefully designed to utilize the 130-acre campus to serve the educational needs of Saint Joseph's students.

In 1951, in response to the need for a Catholic college in the Calumet region of northwest Indiana, the College began an extension program in East Chicago. This program developed to the point that in 1963 it was granted the status of a campus, known as Saint Joseph's College Calumet Campus, and is now a separate institution known as Calumet College of Saint Joseph.

With an ever-present desire to improve its educational opportunities, Saint Joseph's had introduced campus and curriculum innovations which evidence its contemporary philosophy of education.

The campus Computer Center began in 1966 and offered students training and experience in both scientific and commercial data processing.

In 1968, the College ended its 79-year policy of admitting male students only on campus during the regular school year. The change to a coeducational institution was made to widen the range of students contributing to the College's intellectual atmosphere and to create an air of better social and academic involvement on campus. Saint Joseph's offers a wide spectrum of programs and courses for women students, who have responded by enrolling in all academic areas of the College.

The introduction of the Core Curriculum program in the fall of 1969 shifted the direction of general education courses from that of a series of separate courses to an interdisciplinary approach. This combined the previous courses into a program examining issues of history, philosophy, theology, literature and other subjects with a historical framework. The interrelated nature of all subject material in the Core Curriculum allows the student to have an overview which permits deeper understanding and clearer insights. Improving and expanding the quality of academic offerings is a continuing process at Saint Joseph's.

Course offerings, physical facilities, faculty members and students are all part of a heritage which is constantly growing and improving as Saint Joseph's continues to successfully face the fast-paced challenges and rewards of contemporary American education.

In the summer of 1993, two years after Saint Joseph's College celebrated its Centennial, the presidency was assumed for the first time by a lay person, Dr. Albert Shannon. Father Charles Banet's term of 28 years represented the last and longest of the 14 priests who held that office over the school's 102 years. However, the association with the Missionaries of the Precious Blood, both in terms of the priests and brothers who are still serving Saint Joseph's College and the Society's involvement in the future of the College continues.

The decade of the nineties saw new building and growth at Saint Joseph's College. The Charles Banet, C.PP.S. Core Education Center was dedicated in 1995 and the new senior residential suites were opened to students in the Fall of 2000. The College also added a fitness center and an outdoor track and field facility in 2000. Growth plans for the College were formalized with its new Master Facilities Plan approved by the Board of Trustees in 1999.

SPECIAL FEATURES OF SAINT JOSEPH'S COLLEGE

A variety of distinctive features makes Saint Joseph's College (SJC) unique among liberal arts colleges. The extensive lawns, shady groves, and tree-lined drives make the campus very attractive, but it is the people and programs which give SJC its distinctive reputation.

The College Community

The College is a community of scholars in which students, faculty members, administrators and trustees actively participate in academic life on campus, plan for the future, and work together to achieve their common goals. Many students develop long-term friendships with their professors and other members of the College community through close camaraderie of its students, whose buoyancy and vigor promote the outgoing spirit which permeates the campus. Students at SJC show their strong empathy and warm feelings toward fellow human beings in numerous ways: they raise funds through sports marathons and other events, and contribute the proceeds to worthy causes; they participate in volunteer services concerned with mental health, social work, religious activities, and health care. A strong spirit of service carries over into their careers of medicine, dentistry, and other health-related fields--teaching, religious vocations, and counseling--and service-oriented projects to those who go into the business world.

Core Curriculum

One of the most outstanding academic programs of SJC is its Core Curriculum, which integrates a broad range of general education subjects into a meaningful whole. Now in its thirty-fifth year, the Core Curriculum has received national attention from educators and learned societies as a "model of a true core curriculum." Large amounts of faculty time have been invested in the continual development of the Core Curriculum at the College. Additionally, the Fr. Banet Core Education Center built in 1995 has allowed faculty to use the latest multimedia equipment in their teaching.

Core studies the "human phenomenon" including its record history, the rise of civilizations and development of cultures, current problems and reflections on existence. One of the most innovative features of the Core Curriculum is its Intercultural Studies, which surveys the cultures of India, China, Africa and/or Latin America. This segment often includes a variety of lectures from invited scholars, art, sculpture exhibits, and feature films, which reflect these cultures. Other Core segments will often include invited guest lecturers and a variety of presentation styles.

Core segments are divided into discussion sections of about 16-18 students each. This small class size allows students to ask questions and participate in discussion and in so doing, develop their speaking and listening skills. Development of reading and writing skills forms another critical aspect of the Core Curriculum.

12 Special Features

Program of Church Music and Liturgy

A unique offering of SJC is the Rensselaer Program of Church Music and Liturgy, which has achieved an enviable record of recognition throughout the United States and beyond. Students specialize in composition, conducting, organ, voice, piano or liturgy.

The Church Music-Liturgy Program is SJC's only area of both undergraduate and graduate degree work. The graduate sequence, leading to a master's degree, is highly acclaimed for its practical, worship-oriented approach and is specially designed for mature students.

The graduate faculty includes recognized authorities in church music and liturgy. Witness to the authenticity and quality of the program is the fact that graduates occupy responsible national and diocesan positions from New York to the state of Washington, from Louisiana to Manitoba, Canada. Monsignor James Conroy, writing in *Our Sunday Visitor*, expressed it well when he boasted of his Alma Mater in these words: "If liturgical music is to flourish in the United States, there is no doubt that Saint Joseph's music program will be listed as one of the contributing causes."

The College Library

The Robinson Memorial Library provides a wide variety of print and non-print materials to meet the research needs of the students and faculty. The main collection consists of 157,481 volumes of books and bound periodicals, 22,416 audiovisual items, and 63,979 microforms. In addition, the library maintains a Curriculum Library of textbooks and other reading materials used in elementary and secondary schools. Education students use this collection to prepare for their courses and practice teaching. Students and faculty can access the library collection through the library's computer catalog. The library is also a depository for a selected number of U.S. Government Documents, which now number over 155,000.

The library's collection is supplemented by 27 online databases that can be easily searched by students and faculty over the campus computer network. These databases cover an array of subject matters with many of them providing access to full-text materials. The library's membership in the Private Academic Library Network of Indiana (PALNI) gives direct access to materials in 26 private Indiana colleges as well as many of the databases previously mentioned. As a member of INCOLSA, a statewide library cooperative, the Robinson Memorial Library provides interlibrary loan service to its students and faculty upon request via the international OCLC database. This database now offers a format that can be searched by students and faculty.

Academic Computer Center

The Saint Joseph's College computer operations encompass four labs for student use. One lab located in the Arts and Science Building contains 31 computers and a high speed laser printer. A second lab located in the Banet Core Education Center houses 31 computers and a high-speed laser printer. The computers in these two labs have dual boot capabilities for either a Windows or Linux environment. A third lab is located in the Robinson Memorial Library contains five computers. Two computers are located in the day-student lounge in Halleck Center.

All computers on campus are connected through a campus-wide Ethernet network. All buildings on campus are connected to the campus network. This allows students to connect with network printers and the library's on-line system from computers connected

to the network from the residence halls. Additionally, the Banet Core Education Center and the Arts and Sciences Building are equipped for a wireless computer network.

A large selection of software applications is available to campus network users. Network applications include: word processing, business applications, math and statistical packages and several of the latest programming languages.

Study Abroad

Through special contractual arrangements, SJC makes several foreign sites available to its students to study for a semester or a year in England, France, Spain, the Netherlands, Germany, Austria, and Mexico. These foreign campuses are actually extension campuses of SJC, so these arrangements can be made with a minimum of paperwork.



Students enjoying the outdoors.

14 Admission to the College

ADMISSION TO THE COLLEGE

All correspondence relating to admission should be addressed to the Director of Admissions, Saint Joseph's College, P.O. Box 890, Rensselaer, Indiana 47978. Application for admission should be filed as early as possible and all credentials should be in the hands of the College at least three weeks before the opening of the school term. Application forms will be sent upon request and are available online at www.saintjoe.edu. All credentials submitted as part of the admission procedure become the property of the College.

Campus Visits

Prospective students are strongly encouraged to visit the College. Student-guided tours are available Monday through Friday from 8:30 A.M. until 3:00 P.M. During the Fall and Winter semesters, tours are available on Saturdays from 8:30 A.M. until 11:00 A.M. Visits for transfer students are scheduled on the first and third Friday of the month. Other times are by appointment. Students are offered overnight visits on Sunday and Wednesday evenings during the academic year. Visits can be scheduled by calling the Office of Admissions at 1-800-447-8781 one week in advance.

General Requirements

Admission to the College will be determined on the basis of the information contained in the credential file. It is understood that these minimum requirements do not necessarily guarantee an applicant admittance. The College reserves the right to select those applicants best qualified to succeed at SJC. Therefore, a decision, in some cases, may be deferred until later in the admissions cycle.

All applicants shall comply with the following requirements:

- 1. Submit the completed SJC Application for Admission and high school recommendation for students applying for admission directly from high school.
- 2. Send the \$25 non-refundable application fee with the Application for Admission (\$35 U.S. for international students).
- 3. Request official transcripts of credit from all high schools and colleges previously attended be mailed directly from the schools to the Office of Admissions. International transfer students must submit a credential evaluation from Educational Credential Evaluations, Inc. (ECE) or World Education Services (WES).

The College offers four admission-notification options. The Application for Admission and all required supporting credentials must be mailed to the Office of Admissions by the postmark deadline noted.

Early Decision -	October 1st postmark deadline October 15th mail notification
Early Notification -	November 1st postmark deadline November 15th mail notification
Standard Notification -	December 1st postmark deadline December 15th mail notification
Final Notification -	Rolling based on space availability

Students are strongly encouraged to apply no later than the December 1st Standard Notification deadline to ensure consideration.

Admission to Freshman Standing

Candidates for freshman standing will be selected from applicants who present the following academic credentials:

1. Certification of graduation from an approved high school or proof of equivalency.
2. Minimum of 15 units, with a C (2.000 on 4.000 scale) average--ten of which must be from the following academic fields: English, foreign language, social sciences, mathematics, and natural sciences. It is not necessary that all of these fields be represented in the ten units. The term unit expresses a measure of academic credit, representing a subject carried through no fewer than 32 weeks with five class meetings a week or the equivalent. International students are to have at least a 2.000 (C) cumulative grade point average of secondary level credits.
3. Every applicant is required to take either the Scholastic Aptitude Test I (SAT I) of the College Entrance Examination Board or the American College Testing Examination (ACT) and have the scores sent to SJC. Students wishing to take these tests should procure application forms from their secondary schools. Saint Joseph's College SAT I code is 1697 and our ACT code is 1240.
4. Students may be required to participate in the Freshman Academic Support Program (FASP) if it is found that their progress may be hindered by their limited academic preparation. This program consists of academic counseling, course load limits, and classes designed to promote students' academic success. This service is provided by the Counseling Center.
5. CLEP scores and Advanced Placement (AP) test scores will be evaluated by the Registrar.

Admission of Home School Students

Saint Joseph's College encourages students who have attended a home school to apply for admission to the College. The application for admission, ACT or SAT I scores, a transcript of high school equivalent course work through at least six semesters along with a description of the courses, and a personal interview are required for consideration. Individuals who have experienced this style of education should contact the Office of Admissions for additional information.

Admission of Special Students

Students who wish to pursue particular studies without being candidates for a degree or for teacher certification may be admitted as special students. Work done by special students will not be counted toward a degree or teacher certification until all entrance requirements have been fulfilled.

Early Admission

Exceptionally well-qualified students who have not graduated from high school but who have completed at least their Junior year, may be admitted to freshman standing. Their eligibility for admission will be determined on the basis of high school courses and grades, objective tests and the recommendation of the high school principal or counselor. A letter from the principal stating that a high school diploma will be awarded upon completion of a stated number of semester credits must be received by the Director of Admissions before a final decision will be made.

Early Decision

The Early Decision Program is available for candidates who are certain Saint Joseph's College is their first-choice college and wish to resolve their college search early in their senior year of high school. In order to take advantage of the Early Decision Program, candidates must sign the acknowledgment on the front of the Application for Admission and submit all required credentials before the October 1st postmark deadline. If offered admission to the College the student must submit the non-refundable \$200 advance payment and withdraw all other college applications by November 1st.

Transfer Policies

SJC welcomes transfer students from other accredited institutions as listed in the Higher Education Directory (published by Higher Education Publications, Inc.). Students wishing to transfer must be in good standing at their former institution; that is, they must be eligible to continue at that institution. The following guidelines are in effect and any exceptions must be made by the Provost.

1. Students may transfer up to 60 semester credits from an accredited two-year institution, 70 semester credits with an Associate Degree, and up to 90 semester credits from an accredited four-year institution.
2. No more than 12 credits via correspondence courses will be accepted.
3. Only official transcripts will be evaluated by the Registrar.
4. CLEP scores and Advanced Placement test scores will be evaluated for transfer credit.
5. Credits earned more than 15 years prior to admission will be evaluated for transfer credit only after the student completes 30 semester credits at SJC.
6. Credits earned from non-accredited institutions will normally not be accepted.
7. Quarter credits are evaluated on a 3 to 2 ratio at SJC.
8. Credit in which students receive a D or F will normally not be transferred.
9. If transfer students are found to have concealed previous college attendance or credit, they are subject to immediate dismissal.
10. Students enrolled at SJC may take course credit elsewhere and have it transferred back to SJC with prior approval. Only grades of C- or higher are acceptable and transfer grades are not computed in a student's GPA.
11. International students are to have at least a 2.000 (C) cumulative grade point average of college-level credits. Students transferring non-U.S. college level credits must have academic credentials evaluated by Educational Credential Evaluators, Inc. (ECE) or World Education Services (WES). Transcripts of all non-U.S., Canadian and U.S. high schools, colleges and universities attended are also required.

Admission of Veterans & Other Non-Traditional Students

The College welcomes applications from veterans and other non-traditional students and will accept a general education development certificate (GED) in place of a high school diploma. Such students should submit evidence of accomplishment from military or work experience to supplement the GED transcript or the high school transcript, and normally are not required to take the SAT I or ACT.

Admission of International Students

An international student seeking admission to SJC must complete the Application for Admission and submit the \$35 U.S. non-refundable application fee. The applicant must demonstrate a score of 550 or above (paper-based) or 213 or above (computer-based) on the Test of English as a Foreign Language (TOEFL) or provide positive and conclusive evidence of the ability to speak and write the English language. Saint Joseph's College TOEFL institutional code number is 1697. Official transcripts from all high schools attended are required and must be submitted in English translation.

Students transferring non-U.S. college-level credits must submit an “official course-by-course” evaluation of academic credentials by Educational Credential Evaluators, Inc. (ECE) or World Education Services (WES). Specific information can be obtained from ECE at www.ece.org or WES at www.wes.org.

The international student is required to have adequate health and accident insurance coverage. The applicant must present certification of financial resources available to cover all costs at SJC at the time of application. All semester expenses must be paid in full prior to the beginning of each semester. At least six weeks prior to the beginning of the semester the student wishes to enter, it is the responsibility of the applicant to have proper immigration and travel papers completed and submitted to the proper U.S. government officials and College officials.

Mathematics Proficiency Requirement

Saint Joseph's College students must demonstrate a level of proficiency in mathematics. This is demonstrated by any one of the following:

1. Receiving at least a C grade in the two high school courses, first-year algebra and geometry, or show credit at least equivalent to this, such as in course work from a Junior college.
2. Obtaining a score of 440 on the mathematics portion of the SAT I exam.
3. Obtaining a score of 17 on the mathematics portion of the ACT exam.
4. Enrolling in a major or minor with a required mathematics or statistics course, such as the business administration area or the behavioral sciences.

Incoming students who do not have at least one of the above must take a mathematics proficiency exam. If the student does not pass the proficiency exam, (s)he will be required to do one of the following:

1. Successfully complete one of the following mathematics courses during the first or second semester of the freshman year:

MTH 017 Basic Algebraic Skills
MTH 093 Pre-Calculus
2. Successfully complete a course which could substitute for either of the above during the spring or summer session at a college of the student's choice before the sophomore year.

DEGREES OFFERED

A.A.	Associate of Arts
A.S.	Associate of Science
B.A.	Bachelor of Arts
B.S.	Bachelor of Science
B.S.N.	Bachelor of Science in Nursing
M.A.	Master of Arts

Master of Arts degrees are offered in Music with a concentration in Church Music and Liturgy and in Pastoral Liturgy and Music.

The following group-majors are offered:

Accounting	B.S.	Art Education	B.A.
Art	B.A.	Biology-Chemistry	B.S.
Biology	B.S.	Environmental Science	B.S.
Business Administration	B.S.	International Studies	B.A.
Chemistry	B.S.	Management-Info Systems	B.S.
Comm. & Theatre Arts	B.S.	Math-Computer Science	B.S.
Computer Science	B.S.	Medical Technology	B.S.
Criminal Justice	B.S.	Music/Business Administration	B.S.
Economics	B.A.		
Elementary Education	B.S.		
English	B.A.		
English/Cr. Writing	B.A.		
History	B.A.		
International Studies	B.A.		
Lay Ecclesial Ministry	B.A.		
Mass Communication	B.S.		
Mathematics	B.S.		
Music	B.A.		
Nursing	B.S.N.		
Philosophy	B.A.		
Physical Education	B.S.		
Political Science	B.A.		
Psychology	B.S.		
Religion /Philosophy	B.A.		
Social Work	B.S.		
Sociology	B.A.		

The following minors are offered:

Accounting	English	Mathematics
Art	Environmental Science	Music
Athletic Training	French	Philosophy
Biology	Geology	Physical Education
Business Administration	German	Physics
Chemistry	Health Therapy	Political Science
Communication	History	Psychology
Computer Science	Human Resource Mngmnt	Religion
Criminal Justice	Jazz Studies	Social Work
Early Childhood	Journalism	Sociology
Economics	Lay Ecclesial Ministry	Spanish
Education	Mass Communication	Theatre Arts

PRE-PROFESSIONAL PROGRAMS

SJC provides baccalaureate degree programs which lead to further work in specialized professional areas:

- 1) *Pre-medicine, pre-dentistry, pre-occupational therapy, pre-optometry, pre-physical therapy, pre-pharmacy, pre-chiropractic, pre-veterinary* (See Biology Department)
- 2) *Pre-law curriculum*

The Association of American Law Schools explicitly states that there is no definite, preferred major in a pre-law program, but stresses the need for broad, liberal-arts education. The Core Curriculum, which stresses wide reading, group discussion, and writing, forms an excellent base for the study of law. No major is necessarily better for the pre-law student than others. Therefore, the pre-law program is not under the direct charge of any single department, but a pre-law advisor is available for consultation. Regardless of one's major, courses in the social sciences--economics, history, political science, philosophy, psychology, and sociology--should be included within the college program. One year of accounting will prove useful in law study. Freshman pre-law students enroll in Core 1 and three of the following, depending on tentative major: accounting, American government, American history, economics, philosophy, psychology, sociology, English, or a foreign language.

20 Graduation Requirements

GRADUATION REQUIREMENTS

Semester Credits and Cumulative GPA

A minimum of 120 semester credits and a cumulative GPA of 2.000 are required for the Bachelor's Degree. The last 30 semester credits must be taken in residence.

- ✓ A cumulative GPA of 2.000 is required in the major, the minor, and Core in order to receive a Baccalaureate Degree.
- ✓ A cumulative GPA of 2.750 is required of students in the College's Teacher Education Program.
- ✓ A minimum of 60 semester credits and a cumulative GPA of 2.000 are required for the Associate Degree. The last 15 credits must be taken in residence.

Bachelor Degree

The Bachelor of Arts Degree (B.A.) and the Bachelor of Science Degree (B.S.) at SJC reflect an integrated curriculum composed of the College Core Curriculum, a major program of study, a minor program of study and elective courses. Both degrees are committed to general education and career preparation with the Bachelor of Arts grounded in the Liberal Arts and the Bachelor of Science grounded in mathematics and quantitative analysis. The degrees are defined by the College and refined by the departmental requirements.

Associate Degree

Thirty semester credits of the 60 semester credits required for the Associate Degree must be completed at SJC and the last 15 semester credits must be taken in residence. Students possessing a Bachelor's Degree must complete a minimum of 18 semester credits at SJC and fulfill all the degree requirements in order to receive an Associate Degree.

Core Curriculum

The 45 credits (Cores 1-10) are required of *all* students at the College, no matter what their major. Only students in two or three-year programs are exempt from specified parts of the Core Curriculum.

Major, Minor, Group Major, Double Major, and Second Bachelor Degree

In order to graduate with a B.A. or B.S. degree a student must complete the Core Curriculum, a major and a minor, double major or a group major. A major consists of a minimum of 36 semester credits. A minor normally consists of 18 semester credits. A group major normally consists of 54 semester credits from more than one department. A minimum of 12 semester credits in the major must be completed at Saint Joseph's College.

Students who fulfill the requirements of two majors may graduate with a double major. Students may complete more than one major or minor.

Students already holding a Bachelor's Degree may qualify for a second Bachelor's Degree by completing a minimum of 24 semester credits in a major at Saint Joseph's College and fulfilling all the departmental requirements for the major.

Designer Major

Students with Junior status who have completed at least 30 semester credits at SJC with a minimum GPA of 3.400 may propose an individualized major subject to the following:

1. The minimum credits for a designer major are 54.
2. The requirements of an established major must be met.
3. The student must draft a proposal indicating specific courses and why the designer major fits career or personal goals.
4. The student must receive written approval from all departments where courses in the major are taken.
5. The student must secure written approval from the Provost.

Designer Minor

Any student who has completed at least 30 semester credits at SJC with a minimum GPA of 2.000 may propose an individualized minor subject to the following:

1. The minimum credits for a designer minor are 18.
2. The courses selected for the designer minor must be from at least two academic disciplines and from no more than three academic disciplines.
3. The student must draft a proposal indicating specific courses and why the designer minor fits career or personal goals.
4. The student must receive written approval from all departments where courses in the minor are taken.
5. The student must secure written approval from the Provost.

Degree Candidacy

Students are considered to be degree candidates if:

- They have six semester credits or less remaining to be fulfilled.
- They have registered for SJC's Spring Session.
- They meet the cumulative GPA requirements.

Degree candidates may participate in the regular commencement ceremony. Any other student who does not meet the criteria must receive permission from the Provost in order to participate in the commencement exercise.

Off-Campus Degrees

Students who have attained senior standing after the completion of three years of residence and who have then transferred to a school of law or medicine may secure the degree as follows: in addition to the normal graduation requirements, candidates will be required to show successful completion of the first year's work in the professional school in which they have enrolled.

Students transferring to a professional school and planning to graduate after the fourth year may graduate with honors if the cumulative GPA for work at SJC and at the professional school meets the required standard.

Students majoring in medical technology complete three years of on-campus courses and a twelve-month hospital education program.

22 Tuition and Fees

TUITION AND FEES

Tuition for one semester (full time-12 to 18 credits)	\$8,950.00
Per credit up to 11 credits	\$ 600.00
Tuition for dependents of same family attending full-time simultaneously	\$8,450.00
Tuition for sons or daughters of graduates	\$8,450.00

This entitles the student to:

- 1. Academic instruction and advisory direction.
- 2. Access to Health Center Facilities at posted fees.
- 3. Subscription to the College newspaper.
- 4. Admission to all student activities.
- 5. Admission to athletic events.

Room and Board

Room for one semester	\$1,370.00
Board for one semester.	\$1,725.00

This entitles the student to semi-private room and to three meals a day, six days a week, Sunday brunch and dinner, except during scheduled vacation periods. Resident students must take meals in the College dining center unless excused with a valid medical excuse confirmed by a physician. Students requiring special diets for medical reasons must consult with Dining Services.

Private Room for one semester	\$1,870.00
Schwietermann House for one semester-double occupancy.	\$2,070.00
Residential Suites for one semester.	\$2,070.00
Room and registration deposit (Applicable to room charge, Payable by April 1st, not refundable)	\$100.00

Service Fees

Add/Drop (Course changes occurring after the third day of each semester)	\$ 20.00
Car registration	\$ 25.00
Late Registration:	
Continuing Student not pre-registered	\$ 25.00
First day of each semester.	\$ 50.00
Second day of each semester.	\$100.00
Third day of each semester.	\$150.00
Past the third day.	\$200.00
Student Association fee**	\$ 80.00
Student identification card	\$ 5.00
Transcript of credits	\$ 5.00

** A fee paid each semester by students enrolled in 12 or more credits.

Course and Course Related Fees

Area students taking one course only / cost per credit	\$300.00
Audit fee / cost per credit	\$ 50.00
BSN students 1 to 6 credits / cost per credit	\$300.00
7 to 11 credits /cost per credit	\$600.00
12 to 18 credits / semester cost	\$8,950.00
Technology Fee / cost per credit	\$ 5.00

Credit by examination / cost per credit	\$ 50.00
Education professional laboratory experience fee.	\$ 26.00
Internship fee / Student Teaching	\$125.00
Laboratory fee	\$ 26.00
Music lesson per credit.	\$150.00
Recording fee / fee per credit	\$ 30.00
RN students; St. Elizabeth / cost per credit	\$300.00
Techniques courses (music)	\$ 65.00
Tuition per credit above 18 credits per semester.	\$600.00

Deposits and One Time Fees

Admissions deposit\$200.00
Application fee - paid at initial entrance\$ 25.00
Damage deposit - paid by all resident students*\$100.00
Room and registration deposit for returning students.	\$100.00
Graduation fee - paid at senior year	\$ 80.00

* Refunded one month after graduation or withdrawal, minus any charges for damages (Additional deposit required for apartment residents).

Financial Policies

Upon acceptance by the Admissions Office, each prospective student is required to make a \$200.00 non-refundable deposit. Upon enrollment, the \$200.00 is deducted from semester expenses. In addition, all new resident students pay a \$100.00 room and damage deposit (refundable when the student graduates or withdraws if there are no room damage charges). All charges are to be paid by August 10th for the first semester and by December 10th for the second semester. Each month a service charge will be levied on all unpaid balances. The service charge is computed by a “PERIODIC RATE” of 1-1/2% per month, which is an annual percentage rate of 18% applied to the previous balance.

A student will not be allowed to register for any subsequent terms if there is an unpaid balance on the student's account. Degrees, grade reports, transcripts, and letters of honorable separation are withheld from those who have not settled their financial obligations to SJC including, if any, all collection fees, attorney's fees, and court costs.

Allow at least two weeks for clearance if final payment is by personal check.

Remittance should be made payable to Saint Joseph’s College by bank draft, personal check, or postal money order and mailed to Saint Joseph’s College, Office of Business Affairs, Box 889, Rensselaer, Indiana 47978.

Institutional Refund Policy

- (1) Through the first calendar week of the semester..... 90%
- (2) Within the second calendar week of the semester..... 75%
- (3) Within the third calendar week of the semester..... 50%
- (4) Within the fourth calendar week of the semester..... 25%
- (5) After the fourth calendar week of the semester..... None

The above schedule applies to tuition, mandatory fees and room and board rates for students voluntarily withdrawing from the College. All financial aid that does not have a mandated refund policy will also be adjusted based on the above percentages. Currently this applies to all institutional and other outside grant aid that a student receives.

24 Tuition and Fees

State Student Assistance Commission of Indiana (SSACI) Refund Policy

Students who completely withdraw from the College before completing the fourth week of classes are ineligible for all State of Indiana grants for the semester. State grants that have been applied to a student's account will be reversed and the funds returned to SSACI. State of Indiana grants include the Indiana Higher Education Award, the Freedom of Choice Grant, and the 21st Century Scholars Award.

Federal Return of Title IV Funds Policy

Students who completely withdraw from college on or before the 60% point in the semester and receive Title IV funds are required to return the unearned portion of those funds. The amount earned is based on the period the student was in attendance based on the official withdrawal date of the student.

The term "Title IV Funds" refers to the following Federal financial aid programs: Federal Family Education Loans (Subsidized and Unsubsidized), Federal Family Education Loan PLUS Loans, Federal Perkins Loan, Federal Supplemental Educational Opportunity Grants (FSEOG), Federal PELL Grant.

Payment Plans

SJC offers arrangements for those desiring to meet college costs via monthly payments. Those not selecting an advance payment plan option must pay each semester's net costs in full by August 10th for the fall semester and December 10th for the winter semester.

SJC Ten-Month Payment Plan. This Plan allows you to pay for college costs in 10 convenient monthly payments commencing June 1st. The cost of this plan is \$40.00. There are no other fees or interest charges. The plan is administered by Key Education Resources and information concerning the plan is sent in late spring. If you wish, you may call Key Education Resources Group directly (Toll-Free 1-800-KEY-LEND) for information.

FINANCIAL AID

The College adopts as its own the philosophy that the primary responsibility for financing a college education rests with the student's family. Financial aid from college and other sources is viewed only as supplementary to the efforts of the family. Students requesting financial aid are also expected to contribute toward their educational expenses, through summer or school term earnings or loans in any reasonable combination. The College is prepared to assist the student through academic scholarship, grants, loans and employment.

The Higher Education Amendments of 1976 and the Indiana State Student Assistance Commission require that a student receiving federal or state financial aid must make "Satisfactory Academic Progress". Students going on academic probation will be sent a copy of the "Satisfactory Academic Progress Policy for Financial Aid" information sheet, which explains the College's policy. Students continued on academic probation or granted an appeal following a dismissal might be ineligible to receive financial aid.

Application For Aid

All necessary financial aid application forms can be obtained from the Office of Admissions or the Office of Student Financial Aid.

Free Application For Federal Student Aid (FAFSA)

Students seeking financial aid are required to submit an institutional application to the College and the Free Application for Federal Student Aid (FAFSA). Saint Joseph's College (school code 001833) should be designated as one of the recipients on the FAFSA. For priority consideration, the financial need analysis report must be received by the Financial Aid Office by May 1st. The FAFSA form can be obtained from the high school counselor or the Saint Joseph's College Financial Aid Office.

Home School

Saint Joseph's College abides by the Department of Education's amended law that allows home schooling to be an alternative to a high school diploma for purposes of general student eligibility criteria for financial aid. Home schooled students must meet his or her state's requirements applicable to home schooling. Home schooled students who do not have a high school diploma or its equivalent must be beyond the state's age of compulsory attendance.

Academic Scholarships and Grants

Saint Joseph's College annually offers scholarships to worthy and needy students. The scholarships are awarded on the basis of academic achievement and promise, as determined by the student's high school record, in conjunction with SAT I or ACT scores. Normally those students seeking academic scholarships range in the upper quarter of their class in rank and have SAT I scores of 1000 or higher.

The first scholarship is awarded for the freshman year. It is thereafter renewable each year the student attends SJC until graduation, provided that in the previous semester at least a 3.000 GPA has been maintained. If a student loses a scholarship it can be reinstated only by special action of the Committee on Student Financial Aid, which will normally expect at least a cumulative GPA of 3.000.

The amount of the SJC grant award is based on the student's financial need as well as academic achievement. For this aid the FAFSA is required. The student's need must continue and a GPA of 2.250 must be maintained to renew the SJC grant.

Presidential, Honors, Deans and SJC Scholarships

The College provides these scholarships to students who are exceptionally qualified academically. These awards are granted independently of financial need, but range in value based on academic qualifications. The Presidential, Honors, and Deans Scholarships are awarded for the freshman year and are renewable for three years thereafter as long as the student maintains a 3.250 grade point average and full-time enrollment status. The SJC Scholarship requires a 3.000 grade point average for renewal. To be considered for the Presidential Scholarship, a separate application must be received by December 1st.

Multicultural Leadership Awards

Up to ten awards are made each year to minority high school graduates who have exhibited outstanding leadership qualities in high school. Eligibility for these awards is restricted to students who fit the federal government's definition of "minority": African-American, Hispanic, Native American, Asian, or Eskimo. Students must complete and return a separate application. The student must maintain a 2.500 cumulative grade point average to retain the award after the freshman year.

26 Financial Policies

Performance Scholarships

The College offers these scholarships to new students for participation in certain areas on campus. Scholarships are available in Band, Cheerleading, Color Guard, Dance, Athletic Training, Radio/TV, Choir, and Theatre. Students are required to complete a separate application and must be recommended by the area advisor. The scholarship is renewable for three years thereafter with the advisor's recommendation. Advisors may establish GPA requirements for their area, which must be at least a minimum of 2.000.

Endowed Scholarships

The following scholarships have been established by contributions to the Endowment Funds of the College for general or the specific purpose listed:

The Vince and Katie Agnew Scholarship

The Peter Bahou/Peter's Way Scholarship. Restricted for students in the Rensselaer Program of Church Music and Liturgy.

The James and Rosemary Bruskotter Scholarship

The Edward J. Chapman, O.S.A. Scholarship. Restricted for students from the Archdiocese of Detroit.

The William Downard Scholarship

The John L. Dunn Scholarship. Restricted for students from Ohio, specifically from the larger Toledo area when appropriate.

The Founder's Fund Scholarship

The Saint Gaspar Scholarship

The Richard and Maureen Hanson Scholarship

The William E. and Kathleen Herber Scholarship

The Thomas J. Huhn Athletic Leadership Scholarship. Awarded on a competitive basis to talented and qualified student athletes from the greater Fort Wayne, Indiana area.

The Rev. Joseph A. Lenk Endowed Scholarship. Awarded on a competitive basis to a student from Saint Mary's of the Lake Parish, Culver, Indiana.

The James and Susan Lennane Scholarship. Restricted for minority students.

The Louisville Area Scholarship. Restricted for students from the greater Louisville area, specifically from the Archdiocese of Louisville, or Clark, Floyd, and Harrison counties in southern Indiana.

The Joseph McNamara Endowed Scholarship

The Charles J. Robbins, C.PP.S.* Scholarship

The Benno Scheidler Scholarship. Restricted to students from Indiana.

The Peter S. Shen Scholarship. Awarded to a student majoring in a natural science or related area.

The John W. Sweeterman Scholarship

Named Scholarships

SJC has named several scholarships which are awarded each year in memory of persons who have made major contributions to the life and progress of the institution.

The Kenneth and Margaret Ahler Scholarship

The John and Mary Ellen Benish Scholarship

The John and Mary Jo Boler Scholarship

The Robert and Genevieve Causland Scholarship

The David J. and Shirley A. Cole Scholarship

The William and Jane Courtney Scholarship

The Edward and Rosemary Cox Scholarship

The John J. and Helen A. Fagan Scholarship

The Raphael Gross, C.PP.S. Scholarship named in honor of the 12th President of the College.

The John and June Guckien Scholarship

The Cyril Knue, C.PP.S. Scholarship named in honor of the 9th President of the College.

The Jacob and Theresa Kramer Scholarship

The Donna Mastandrea Scholarship

The Ronald and Pauline Miniat Scholarship

The Justin and Mary Oppenheim Scholarship

The William and Mary Putts Scholarship

The Thomas F. and Mae Ritter Scholarship

The G. Richard and Veva Schreiber Scholarship

The Lloyd and Mildred Tait Scholarship

The James Thordsen Scholarship, awarded preferably to a Puerto Rican student.

The Francis A. and Ann Wilhelm Scholarship

The Philip J. Wilhelm Scholarship

The Philip J. Wilhelm Scholarship, awarded preferably to an Indianapolis area Catholic high school student.

The James and Joyce Zid Scholarship

** C.PP.S. are the initials for the Roman Catholic religious society that has operated and staffed Saint Joseph's College since its inception and stand for the Missionaries of the Most Precious Blood.*

Federal Supplemental Educational Opportunity Grants

Supplemental Educational Opportunity Grants are available from the federal government through the College to a limited number of students with financial need who require these grants to attend college.

Eligible students who are accepted for enrollment or who are currently enrolled in good standing, may receive Supplemental Educational Opportunity Grants for each year of their higher education. Grants range from \$200 to \$4,000 a year. Applicants must file the FAFSA to be considered for the grant.

Federal Work-Study Program

Students who need a job to help pay for college expenses are potentially eligible for employment by the College under federally supported Work-Study programs. Seventy-five percent of the money is furnished by the federal government and twenty-five percent by the College. Students are normally limited to 15 hours of work each week during the academic year under this program.

Other Student Employment

In addition to the College Work-Study program, there are a limited number of other jobs. The student should bear in mind that employment should not detract from academic needs. The working time is normally limited to 15 hours a week.

28 Financial Policies

On campus there are calls for clerical and laboratory assistants, but most openings for employment are for maintenance and dining hall positions. Application for campus employment should be filed after one is on campus and enrolled. Resident students may not engage in any business enterprises on campus.

Veteran's Assistance

Saint Joseph's College is officially approved as a school for veterans of military service and eligible dependents of deceased or disabled veterans.

Vocational Rehabilitation

Under the provision of Public Law 565, the federal government and the state jointly provide funds for grants to students who have a physical or mental impairment which constitutes a vocational handicap. The State Vocational Rehabilitation Division is responsible for the determination of these grants.

Indiana Higher Education Awards and Freedom of Choice Grants

These awards are made by the state of Indiana to residents who show financial need, meet the state's requirements for the grants, and are attending an Indiana college. Freedom of Choice Grants are awarded to students who receive a maximum Higher Education Award and still show need and plan to attend an eligible independent institution of higher education within the State of Indiana.

In order to qualify for both of these grants, a student must demonstrate financial need and must have been admitted to the College. A student must submit a FAFSA during the senior year in high school prior to March 1st. Unless a student has been informed, any amount given by the Financial Aid Office is only an estimate and is subject to change or confirmation by the State Student Assistance Commission of Indiana. The FAFSA must be filed each year by March 1st to determine continued eligibility.

Indiana Twenty-first Century Scholars Program

This state of Indiana program aims to ensure that all Indiana families can afford a college education for their children. Income-eligible 8th-graders that enroll in the program and fulfill a pledge of good citizenship to the state and attend a private institution may be awarded an amount up to the comparable cost of tuition and fees of a public institution. Funds awarded by the Financial Aid Office are only estimates until confirmed by the State Student Assistance Commission of Indiana. The FAFSA must be submitted prior to March 1st.

Federal Pell Grant Program

The federal government also operates a grant program for college students based solely on need. Applications may be made through the filing of the FAFSA.

Federal Perkins Loans

The College participates in the Perkins Student Loan Program. A student may borrow up to \$4,000 for each year of undergraduate study. The total borrowed cannot exceed \$20,000. The repayment period and the interest do not begin until nine months after the student's studies are completed. The loans bear interest at the rate of five percent per year and repayment may, if necessary, extend over a period of years.

Federal Stafford Student Loans

Under this program, a dependent student may borrow from a bank or other financial institution a maximum of \$2,625 a year for the first year, \$3,500 for the second year and \$5,500 a year for students who have completed two years.

Athletic Grants

Athletic Grants are awarded to qualified student athletes upon recommendation of the Department of Athletics.



*Students studying in the
College's snack bar.*

30 Student Development

STUDENT DEVELOPMENT

Members of the Division of Student Development are particularly mindful of the goals of Core curriculum as we nurture in students a heightened maturity of choice and an increased integrity of behavior. At SJC, Core studies progressively inform and shape the lives of students as they exercise the principles of Christian Humanism within the intimate context of the College's campus community. The Division of Student Development compliments SJC's Core program through services, policies, and programs that encourage a student's private and social enrichment.

While SJC's tradition of excellence promotes scholarship in the classroom, it also fosters an increasing attachment to authenticity in everyday living - values learned in the classroom are cultured in the community. The Division of Student Development supports this application of liberal education as its fundamental goal. As a consequence, students at SJC are encouraged in their application of reason and their exercise of compassion. We promote activities and attitudes that enable students to create for themselves an atmosphere of broadened understanding and caring connection.

The Division of Student Development actualizes SJC's mission to educate the whole student and is energized by our abiding concern to provide personalized and individualized care to students. As professionals committed to the principles of human growth and student development, we hope to engage our students as directly and fully as our roles may allow - a collaborative association with students is our goal.

Athletic programs, residence education and housing options, health care and counseling, academic support and career development, safety and judicial proceedings are all Student Development programming areas that support a student's life at college. Our daily task is to insure that these programs fulfill the needs of students in ways that foster their growing confidence and competence as adults. We know we have succeeded in this when we meet with SJC graduates who have adopted for themselves lives that are responsive to the concerns of others, who are intellectually competent, capable of leadership, and grounded in the commitments of their education.

Student Association

All full-time students are members of the Association and are governed by its Constitution and By-Laws. Its elected officers plus the four class presidents, the Student Union Board Director, and the elected hall governors and senators comprise the Student Senate. The SA, combined with its committees, provides a channel of communication among students on the one hand and with faculty members and administration on the other. The Student Senate is the acting authority for the Association in its normal campus functioning--legislating, nominating, appointing, and directing. The elected president of the Student Association serves as a member of the Board of Trustees of the College.

Student Conduct

Admission to Saint Joseph's College bestows on the student a set of privileges and correlative responsibilities. Each student is responsible for knowing, fostering and protecting these rights individually and collectively. When students manifest an inability or unwillingness to comply with appropriate conduct standards they subject themselves to disciplinary action that can result in sanctions up to and including involuntary separation of the student from the College. Responsibility for enforcement of college

policies rests with all members of the College community while adjudication of infractions of conduct standards rests with the Vice President for Student Development/Dean of Students or his designee.

Student Union Board

This Board is composed of students who volunteer their time to provide a comprehensive activities program at SJC. It is based on a committee structure and open to any interested student. Approximately 50 students are plan, promote and coordinate special events such as coffee house type entertainment, dances, big-screen films, comedians, travel programs to local and distant cities, quality films on campus cable TV station, fine arts performances, and novelty acts.

First-Year Student Programs

First-Year Student Programs, under the direction of the Dean of Freshmen, focuses on the needs of students who are experiencing college for the first time. The program is designed to help students adjust to college life while becoming both socially and academically successful. The components of the First-Year Program are: coordination of academic advisors and advising materials, development of the Freshman Seminar course curriculum and materials, and development and delivery of fall orientation.

Academic Advisors: Students are assigned an academic advisor during early registration in April or June. The advisor assists students in course selection for the first semester of the academic year and helps the undeclared student explore options in academic majors. During registration, students are placed in the Freshman Seminar Class, taught by the student's assigned advisor to ensure ongoing communication between students and advisors.

Freshman Seminar: This one-semester course is designed for first-year students and focuses on academic as well as social adjustment issues. Topics covered include: The History of SJC, Using the Library, Career Development, Community Service, Campus Ministry, Issues of Adjustment, Alcohol Awareness, Study Skills, Relationships, and other topics of interest. The course is team-taught by academic advisors and student leaders.

Academic Services

The goal of Academic Services is to assist students in achieving their personal potential for learning. We recognize that the learning needs of students vary according to individual skills, goals and experience. The programs offered under this area reflect those developmental differences while encouraging students to foster personal responsibility and accountability for their learning.

Programs provided by Academic Services include peer tutoring, academic counseling, study skills development, advising for undeclared students, coordination of FASP, monitoring of students on academic probation and oversight for accommodations required by students who have diagnosed learning disabilities. The academic services staff consists of a full-time director and a Student Director of Tutoring Services.

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Freshman Academic Support Program (FASP): This program provides students who would not have typically be admitted to Saint Joseph's College (based on in high school achievement and/or standardized testing) with the opportunity to take part in the Saint Joseph's College experience. FASP is designed to capitalize on students' motivation to succeed and willingness to actively participate and take advantage of the services provided by the program. Upon acceptance into FASP, students receive personal academic advising/assistance and are required to enroll in Basic Written Composition and Concepts of Learning Proficiency for the fall semester. This program is an investment in students' academic success. Students' serious commitment and motivation play a critical integral role in the success of the program. There are no additional fees required to participate in FASP. Acceptance in FASP requires a separate application, testing and interview.

Counseling Services

Counseling Services supports Saint Joseph's educational mission by assisting students to improve their performance in all areas of college life. Counseling sessions provide a private and encouraging context in which students may actively reflect on their own experiences and construct new understandings of their emotional, intellectual, and social lives. Although we help students cope with major life problems, we spend even more time helping students learn how to improve their ordinary day-to-day lives.

As one of several programs administered by the Division of Student Development, Counseling Services is also committed to improving the quality of life available to all members of the Saint Joseph's College community. We are increasingly active in supporting the efforts of students to become more socially effective on campus, personally responsible and comfortable in relationships, intellectually conversant, and academically capable. Our goal is to help fashion a campus community that fosters learning in and out of the classroom, encourages confidence and independence, and enhances performance.

The Director, a licensed mental health counselor, provides individual and group counseling; referrals to community mental health professionals; crisis interventions; evaluation of learning disability documentation; outreach programming; and consultations to faculty, staff and students. All services are available with no extra charges.

Counseling Services is located in the Student Development suite on the second floor of Halleck Center. Office hours are from 8:00 A.M. to 4:30 P.M., Monday through Friday. Psychological emergencies occurring outside these office hours should be reported to Security and Safety.

Documentation of Psychological Disabilities

The Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973 provide significant accommodations for those who are psychologically disabled. The Associate Dean for Counseling and Health Services reviews all documentation of psychiatric and psychological disabilities when students seek accommodations from the College based on their disabilities.

Psychiatric Disabilities

1. The evaluation must be current. To provide appropriate accommodations to students with psychiatric disabilities, the College requires that a student provide professionally adequate verification of his/her disability carried out within the past six months.
2. The evaluator must be qualified. The evaluator must be a mental health professional familiar with evaluating young adults. Preferred evaluators are psychiatrists and psychologists; Licensed Clinical Social Workers, and Licensed Mental Health Counselors may also be qualified.
3. The evaluation must be comprehensive and should include the following:
 - ♦ A dated multi-axial DSM IV diagnosis
 - ♦ Psychological test results used to support the diagnosis with copies of the testing for reference
 - ♦ A summary of past and present treatment (as it relates to the disability and the need for accommodations)
 - ♦ A list of current medications (including dosage and side effects experienced)
 - ♦ An evaluation of ability to function in an emotionally demanding college environment that requires independent, social functioning
 - ♦ Recommendations for continued treatment
 - ♦ Recommendations for accommodations
 - ♦ Each accommodation must be supported by a rationale
 - ♦ The evaluation must be written in explicit language and provide detailed and specific recommendations related to the diagnosis
4. Accommodations for students with psychiatric disabilities are usually granted for one academic semester.

Learning Disabilities and Attention Deficit Hyperactivity Disorder

Although Saint Joseph's College does not provide a comprehensive learning disabilities program, it is committed to providing equal access to education. The College offers all students a supportive academic environment, and particularly encourages students with learning disabilities to seek a collaborative relationship with the Director of Academic Services to plan for academic success.

Documentation procedures and requirements at the post-secondary level are very different from those with which students in high school may be familiar. Students with learning disabilities are also expected to take a much more active role in communicating their needs and managing their academic careers. Because expectations in college are so different, students and their parents are encouraged to seek guidance from the Director of Counseling Services if there are any questions about the documentation of disabilities.

Procedures for seeking LD/ADHD status at SJC

1. LD and/or ADHD documentation should be submitted to the Director of Counseling Services for a verification review. These should be submitted only after the student has been accepted to SJC - they will not be considered in the application process.

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2. If approved for LD and/or ADHD status at SJC, the student should meet with the Director of Academic Services to consider learning strategies, study plans, and academic accommodations.
3. If the plans call for accommodations from the faculty, *it is the responsibility of the student to notify individual instructors in a timely fashion*. The Director of Counseling Services will verify the student's status only to those instructors identified by the student - the limits of the student's confidentiality are determined by the student.

Documentation Requirements for LD

1. A qualified professional, (typically a psychologist) must conduct the evaluation.
2. The assessment must be current - within the past three years.
3. The documentation must be comprehensive and must include the following:
 - ♦ An interpretation of assessment results considering the three domains of aptitude/cognitive ability, achievement, and information processing
 - ♦ The actual test scores from the standardized instruments employed
 - ♦ A specific diagnosis (not simply "LD") or diagnoses. The diagnostic statements should be written in explicit language without recourse to phrases such as "suggests" or "is indicative of".
4. The documentation needs to include a description of the particular ways in which the disability limits academic achievement.
5. If accommodations are recommended, each accommodation must be supported by a rationale.
6. An interpretive summary must be provided.

Documentation Requirements for Attention Deficit Hyperactivity Disorder

1. A qualified professional must conduct the evaluation. Training in the differential diagnosis of ADHD, and direct experience in assessing this condition are required. An appropriate professional might be a psychologist, neuropsychologist, or psychiatrist. Few primary care physicians have this expertise. Also note that a positive response to medication is not in and of itself diagnostic of ADHD.
2. The documentation must be current - within the past three years.
3. The documentation must be comprehensive and must include:
 - ♦ Evidence of early impairment
 - ♦ Evidence of current impairment
 - ♦ Rule-outs of alternative diagnoses
 - ♦ The actual test results
 - ♦ The identification of relevant DSM-4 criteria
 - ♦ A full diagnosis with appropriate qualifiers
4. Each recommended accommodation must be supported by a rationale.
5. An interpretive summary must be provided.

Resources

Support of LD/ADHD students at SJC focuses on increasing academic success through the teaching of learning strategies and effective study skills. When appropriate, some accommodations may also be made in the way the student demonstrates mastery of course material. However, instructors must be satisfied that such accommodations do not lower the teaching standards of the College. The College reserves the right to make the final determination of all accommodations.

The key to success at Saint Joseph's College for students with learning disabilities is the relationship built between the student and the professors, and between the student and Director of Academic Services. The Director can be very useful in planning learning strategies, and helping the student cope with the frustrations of academic life. Ultimately it is the student's own perseverance informed by proven study and learning methods that will make the largest contribution to success in classes.

1. The Director of Academic Services is available for consultation to students, and can provide academic advising along with useful skill training.
2. Academic accommodations will be designed to meet a student's disability-related needs without fundamentally altering the nature of the instructional program. The LD/ADHD evaluation on file will form the basis for designing specific accommodations.
3. Instructors are usually very helpful in providing their own notes for a class to LD/ADHD students or will aid the student in choosing a classmate whose notes would be appropriate for study.
4. Peer tutoring is highly recommended, and the student is also encouraged to use the writing clinic.
5. Testing with extra time available, along with testing administered in a quiet room with minimal distractions, or oral examinations are all possible when supported by the disability evaluation and agreed to by the instructor.

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Housing and Residence Life

SJC is a residential campus and its Housing and Residence Life programs are designed to assist students with developing the “life skills” necessary for success. Staff in Housing and Residence Life work with students to develop living/learning communities that are supportive of academic pursuits and provides essential out-of-classroom learning opportunities. Staff also work with students to address residence hall issues such as physical enhancements, housing options and residence hall policies. Implementation of programs and enforcement of policies are carried out by a staff of student Resident Assistants. RAs are an important campus resource for students and are selected on the basis of their interest in constantly improving campus life, their demonstrated leadership skills and their desire to provide service and help others.

Campus Ministry

Campus Ministry at SJC functions as an integral aspect of the College Mission to foster the spiritual formation of all students. Through its service to students, it seeks to instill the commitment to Gospel values and human solidarity. Campus Ministers are available to students as they adjust to campus life and several campus ministers live in the residence halls.

The Programs sponsored by Campus Ministry include: Liturgical Ministries, Kairos Retreats and Justice Group, Student Support Groups, Days of Reflection, Preparation for the Sacrament of Baptism, Confirmation and Marriage and volunteer service opportunities. Several non-denominational Prayer Services are also held during the year; information about various opportunities for praying with other Christian denominations is also available through Campus Ministry. Campus Ministry Activities and Programs are open to students of all faith denominations.

Career Development

The Career Development Center seeks to serve the needs of all SJC students by providing quality service and commitment through effective programming, career and life planning, outreach activities, resources, and technology enabling students to plan, prepare for, and obtain meaningful lifelong careers in their chosen profession.

This office begins working with students the freshman year by guiding them through the process of assessing their interests, values, and skills; exploring career opportunities and employment trends; and learning of the many valuable resources available in the Career Resource Library. Career Development staff continue working with sophomores and juniors by helping them secure internships, summer jobs, and volunteer opportunities related to their overall career goals. During the senior year, students are guided through the job search process; attend the annual on-campus CareerFest job fair; participate in job fairs throughout Chicago, Indianapolis, Detroit, and Cleveland; learn how to write effective resumes and job searching correspondence; network with alumni in the Alumni Career Network; conduct job searches; or plan for graduate/professional school.

The Career Development staff consists of a full-time director, and a student paraprofessional staff. The department, complimented by appropriate technology and library resources, stresses student contact, collaboration with faculty, alumni, and employers, and delivery of quality programs and events.

Multicultural Affairs

The Office of Multicultural Affairs promotes the value of cultural pluralism through various activities. The primary purpose of this office is to facilitate and ensure the retention of minority students by providing services and programming that address the needs and interests of minority students. The Office of Multicultural Affairs provides assistance to minority students who may be experiencing difficulties in their classes or in their adjustment to campus life at SJC. This Office also disseminates and provides information about private sources of financial aid, summer internship opportunities and graduate school opportunities for minority students. Additionally, the Office is also involved in the selection process of candidates for the Minority Student Leadership Awards for incoming freshmen.

The ultimate goal of the Office of Multicultural Affairs is to sensitize and educate the majority and the minority populations about multiculturalism and to achieve a global perspective on the necessity of healthy race relations.

Athletic and Recreation Programs

SJC is proud of the student participation in its athletic programs. The intercollegiate program offers the opportunity to the student to participate in the sports of football, golf, volleyball, cross-country, basketball, baseball, tennis, soccer, softball and track on an interscholastic basis. At the same time, the intramural program offers the opportunity for students to participate in those same sports plus bowling, floor hockey and weekend activities of a special nature on an intraschool basis. Approximately 70% of the students on campus do participate in one or more of these activities.

The area for outdoor activities is more than ample to meet the need of recreational activities for the students. The facility layout includes nine football fields, a baseball diamond, many softball diamonds, a soccer field, five tennis courts and free play areas. The indoor facilities include a fieldhouse and recreation center with four basketball courts, a gymnastics deck, weight training room and a fitness center.

The Lake Banet Recreational Area on the southwestern edge of the campus has facilities for swimming, boating and fishing, as well as picnic shelters and playing fields. The Lake is also used for study purposes by ecology and geology students.

Student Activities

The Student Activities Office stresses the importance of co-curricular programs as supplemental to course work. Through participation in organizations, students learn about people and lifestyles different from what they have experienced in the classroom. Students can become involved in a variety of student organizations including: Student Union Board (SUB), Student Government, and Academic, Athletic, Honorary, Political Action, or Social Organizations.

Throughout the academic year the SJC calendar of events includes a variety of athletic, educational, cultural, social, and traditional programs. The traditional events that bring back many alumni and friends of the College include: Fall Homecoming, Little Sibs Weekend, Parents Weekend and a "Little 500" go-kart race. The programs, developed with the guidance of the Student Activities Office, contribute to a comprehensive educational experience for all students attending SJC.

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Dining Service

SJC Dining Services, under the direction of Sodexo Campus Services, strives to offer as much flexibility, creativity, and choice as possible. We feature an “all-you-care-to-eat” policy, although all food must be consumed in the dining hall. The current meal plan provides for various combinations of meals and meal points at the HUB. Breakfast, lunch, and dinner are served on Monday through Saturday. Brunch and dinner are served on Sunday.

Every meal features many options, including pizza, pasta, deli, salad, dessert, cereal bars and a drink station that includes juice. A traditional line features three entrees, a starch item, and vegetables at each meal. Lunch includes soup.

Weekly menus are offered at the dining hall’s front desk, the College Web page, or telephone for the menu hot line.

The **HUB** is Saint Joe’s fast-food hangout. It offers a variety of items made to order, featuring fresh baked breads, sandwiches made to order, ice cream treats, and fruit smoothies from the Freshens Counter. It is open seven days a week.

Bookstore

The College Store, located in Halleck Center, carries textbooks, stationery items, clothing, gifts, greeting cards, cosmetics and other supplies.

Business Office

Student accounts are payable at the College Business Office located in the lower level of McHale. For the convenience of students, the College Business Office maintains a passbook deposit account for safekeeping of savings or spending money. Check cashing service is also available here.

Commuter Students’ Lounge

A well-appointed lounge providing a “home away from home” environment for commuting students is located on the ballroom level of Halleck Center. This facility offers study tables, a microwave and refrigerator, telephones, television, campus mailboxes and computers with access to the campus network.

Fax Machine

A fax machine, located in the Dean of Students Office, is available for students use during regular office hours. Fax transmissions may be sent and received at a cost of \$1.00 per page; the fax number is (219) 866-6102.

Health Service

Johnson Health Center policy and staff support Saint Joseph’s College’s educational mission by assisting students in creating life-long wellness decisions. SJC encourages students to become active participants in their own health and medical care, and to take responsibility for wisely utilizing health care resources.

All students admitted to SJC are required to seek a medical examination and to file a completed health record based on that exam. *This record must also include a full disclosure of the student’s medical history and immunizations.* This record must be filed with the Health Center **before** the student is registered, housed, or allowed to participate in intercollegiate sports. *Indiana laws stipulate required immunizations to attend post-secondary schools.*

The Center, located on the first floor of Schwietermann Hall, is available to students with general health concerns or who may require routine nursing care. The services of the SJC nurse carry no charge. Students who need medical attention beyond that provided by the College Nurse will be referred to area physicians or Jasper County Hospital (JCH). Medical care is expensive and it is imperative students have medical insurance to defray these costs.

It should also be noted that the SJC Health Center does not provide emergency medical service or urgent medical care outside of posted hours. Emergencies are treated at the JCH emergency room located approximately three miles from the College. Students are encouraged to maintain a connection to their family physicians at home. Numerous physicians practice in Rensselaer.

Laundry Service

A private agency provides coin-operated machines in each residence hall on campus for use by resident students.

Mail, Packages

SJC has its own post office branch. All mail and packages should be addressed to Saint Joseph's College, Rensselaer, Indiana 47978. Students are required to procure their own post office boxes for receipt of mail through the United States Postal Service.

Notary Public Service

Notary services are available to students in the Dean of Students Office.

Personal Property

The College is not responsible for loss of or damage to personal property of the student from any cause. "Homeowner's" insurance policies generally cover personal property losses of dependents at college. Parents are urged to have an "extended coverage rider" on their personal property insurance policy to protect themselves in the event of loss. The College does not furnish this kind of insurance to students.

Security and Safety

The Security and Safety Department provides a twenty-four hour a day, year-round, presence on campus in order to enrich the safety and security of all community members and College property.

Telephone

SJC switchboard telephone number is (219) 866-6000. The College switchboard is open Monday through Friday from 7:00 a.m. to 5.00 p.m. All resident students have an extension number assigned which may be reached by calling the main switchboard; when the AutoAttendant answers, the caller will enter the student's four-digit extension number. The residents will also have the capability of making local, campus, and long-distance calls from their rooms. In addition, the phone system utilizes a voice-mail system so that callers may leave a message for the student they are trying to contact.

Commuting students may request such service by contacting the Work Order Desk.

Vending

Vending machines are located throughout campus to dispense snacks and beverages. A game room with pinball, video arcade games and pool tables is located on the dining room level within Halleck Student Center.

CAMPUS FACILITIES

Academic Computer Center

Established in 1988 as a center of administrative and academic data processing, it houses the Computer Science department's computer lab and is the hub of the academic computer network. It also houses several faculty offices and the College's copy center.

Aquinas Hall

This three-story hall is named for Saint Thomas Aquinas, patron saint of Catholic education. The first floor of this building contains offices for professors in the Nursing Department and a seminar room.

Arts and Science Building

The two wings of this building, completed in 1936, house science laboratories, the Music Department, the school library, the College auditorium and classrooms. The north-south wing includes Music Department offices and rehearsal rooms, the College's 400-seat theater, a computer laboratory, the Education curriculum library, and the school's 181,000 volume library. The building's east-west wing contains physics, chemistry, biology and geology laboratories in addition to many of the College classrooms.

The Charles Banet, C.PP.S. Core Education Center

This 50,000-square-foot building was opened as one of the central academic buildings on campus in 1995. In addition to the Core lecture hall and classrooms, the building houses a science lab, a computer classroom and faculty offices. The high-tech modern facility is named for Charles Banet, C.PP.S., President of Saint Joseph's College from 1965 through 1993.

Dwenger Hall

Erected in 1907 and named for the second bishop (John Joseph Dwenger) of the Diocese of Fort Wayne, it was retired from service in June of 1998.

The Grotto

A college student (Faustin Bernard Ersing) inspired the original Lourdes Grotto in 1898. In 1931 it was greatly enlarged and included the interior shrine containing the Carrara marble statue of Christ in Gethsemane. The Stations of the Cross in the grove together with the large boulder with a bronze plaque containing Saint Bernard's "Memorare" were erected in 1951 in memory of the parents of Father John Baechle, C.PP.S., former professor at Saint Joseph's College.

Halleck Student Center

The Halleck Student Center, named for Charles A. Halleck, the late Congressman from Indiana and a long-time member of the Saint Joseph's College Board of Trustees, serves as the center of out-of-classroom activities. The Center houses the Dean of Students Office, Academic Services, Student Activities, Counseling, Career Development, Housing/Residence Life, Dean of Freshmen, Security and Safety,

Switchboard, Campus Ministry, the HUB Snack Bar, Core XI, the Student Dining Hall, the College Store and the Student Association. The Puma Band maintains a rehearsal hall, support facility and offices in the lower level. The College newspaper, *The Observer*, and the College literary magazine, *Measure*, maintain working offices on the third floor.

Hanson Recreational Center

This building, dedicated in 1986, is the center for individual sports and has facilities for basketball, racquetball, aerobics, baseball, tennis, and track, and a fitness center.

Lake Banet

The 40-acre Lake Banet recreation facility is located at the southwestern edge of campus. Lake Banet offers fun in the sun and much more. The park is set up for picnics, volleyball, horseshoes, basketball, softball, swimming, jogging and other possibilities for exercise and relaxation.

Lake Banet is open Memorial Day to Labor Day each season. During this time the park is staffed with lifeguards. Park managers also complement the staff, and in addition to the certification of lifeguards, they also have American Red Cross Water Safety Instruction.

Xavier Hall - McHale Administration Building

It is named in memory of Frank McHale, a member of the original Board of Trustees and benefactor of the College. It currently houses the offices of the President, Vice President for Business Affairs, Admissions, Vice President for Institutional Advancement and Marketing, Registrar, College Bank, Human Resources, Alumni Relations, and Financial Aid.

Post Office

Constructed in 1987-88 to replace the original College post office, this is a public post office located on our campus.

Raleigh Hall

This facility houses the Athletic Director, varsity football, and track offices, weight-lifting equipment, and is open for use by all students and staff. It also houses the Art Department and offices.

The Reflecting Pond

A part of Saint Joseph's since the College's earliest days, the Reflecting Pond borders the Chapel at the College's main entrance. The scenic pond and fountain are picturesque sights to the College's students and visitors.

Saint Gaspar Center

Named in honor of the founder of the Missionaries of the Most Precious Blood, Saint Gaspar del Bufalo, this center serves the faculty as a classroom during the summer months for the Music/Liturgy program. Weekend and daily liturgies are also celebrated in the Saint Gaspar Center. It is located between the College Chapel and Schwietermann.

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Saint Joseph's Chapel

This attractive Romanesque brick and stone Chapel has served the College since 1910, and its stately twin bell towers have become synonymous with the College itself. Its lower level contains the television studio, the Communication & Theatre Arts department offices, psychology lab offices, the Board of Trustees' meeting room, and a small dining room.

Richard F. Scharf Alumni Memorial Field House

The Field House seats 2,000 spectators and provides locker rooms for over 250 participants in the school intercollegiate sports programs. Besides serving as the site for Puma men's and women's basketball and women's volleyball games, the Field House is also the scene for some concerts sponsored by the Student Association during the school year. Named after Richard Scharf, former coach and Athletic Director from 1961 to 1981.

South Chapel Annex

Re-established in 1986 for active use. The area houses a nursing lab, Facilities and Planning offices, and shipping and receiving.

The 90.5 WPUM Radio Station Building

Since 1996, this area has been used by the campus radio station. The building houses offices, a production room, and the on-air studio.

COLLEGE HOUSING

The College's residence life program is designed to contribute to the total development of the student. Emphasis is placed upon promoting intellectual awareness, developing effective self government, exposing the student to a group living situation, and providing an environment conducive to study. Each building includes lounge areas, a laundry facility and microwave.

Because of the developmental value of living in a residence situation the College requires students to live in campus housing unless living with spouses, with parents or with immediate relatives who are **bona fide** residents of Jasper County.

Bennett Hall

Named for the Most Reverend John G. Bennett, first Bishop of Lafayette, an alumnus and generous patron of the College, this hall houses 83 students and was dedicated in the spring of 1955.

Gallagher Hall

Named after Robert A. Gallagher, first Chairman of College Board of Trustees and generous patron of the College, this hall was dedicated in 1958 and houses 63 students. Renovated in the summer of 2000.

Halas Hall

Dedicated in the fall of 1958, this hall is named for the late George S. Halas, member of the College Board of Trustees, generous patron of the College and owner of the Chicago Bears, who for years held summer training sessions at SJC. It accommodates 65 students. Renovated in the summer of 2000.

Justin Hall

Two hundred and forty-two of Saint Joseph's students are housed in this three-story, air-conditioned facility. Named after the late Justin H. Oppenheim, member of the College Board of Trustees, an alumnus and generous patron, the hall provides two comfortable lounges which join the building's two wings. It was dedicated in 1965.

Merlini Hall

Merlini Hall accommodates 65 students, was dedicated in 1940, and is named after the Venerable John Merlini, the third Moderator-General of the Missionaries of the Most Precious Blood.

Noll Hall

Dedicated in the spring of 1955 and accommodating 91 students, this building is named after the Most Reverend John F. Noll, former Bishop of Fort Wayne.

Residential Suites

This apartment-style residence hall accommodates 95 juniors and seniors opened August 2000. Each furnished apartment contains five private bedrooms, two full bathrooms, living/dining area, patio, and mini-kitchen with refrigerator and microwave.

Schwietermann House

Dedicated in May, 1963, this building serves as the residence for priests and brothers. The Y-shaped structure is adjacent to the Chapel and Xavier Hall-McHale Administration Building. It also contains the College Health Center, and the Admission Welcome Center on the ground floor. The first floor is designated as a residential opportunity for 40 students.

Seifert Hall

This building accommodates 123 students and is named for SJC's first President, the Very Reverend Augustine Seifert, C.P.P.S. This building was erected in 1939. Renovated in the summer of 2003.

EARNING ACADEMIC CREDIT***Enrollment***

All students are expected to report to the campus on the date officially designated in the College calendar. No new degree-seeking student will be admitted unless official notice of acceptance from the Director of Admissions has been received.

Students are enrolled as “regular” when they meet all entrance requirements and have been approved for a course of studies leading to a degree; as “special” if the student is not at present working toward a degree. Students may be registered as either full-time or part-time students. A full-time student is one who is carrying a minimum of 12 semester credits of college credit. Students failing to enroll or to pay fees and tuition on enrollment day as designated in the *Catalog* may have to pay a late enrollment fee.

No student will receive credit for any course unless registered. Changes in courses or class sections must be approved and recorded with the Registrar.

Credits

The unit of academic credit is the semester credit. In courses other than Core, it represents the work of a semester course which meets once weekly for a fifty-minute period requiring approximately two periods of preparation. A class which meets twice weekly carries two credits; three times weekly, three credits. One laboratory period (two to four credits) is the equivalent of one class meeting. The lowest passing grade required before a student can receive credit is D.

Credit By Examination

Any regularly-enrolled student of SJC, in good academic standing, may receive credit for any course by passing an examination in the subject matter of the course. All passing grades and credit will be recorded on the student's record with an "X" next to the course number. (See restrictions listed below under "Eligibility".)

- Schedule of Exams: (a) at the beginning of the first semester; (b) the first semester final week; (c) the second semester final week.
- Application to take credit-by-examination is made at the Office of the Registrar.
- Eligibility: Students may not receive credit-by-examination: (a) in courses which they are currently enrolled for credit, or have, at some time, enrolled for credit or audit; (b) in courses involving laboratory experience or practice; (c) in Core courses; (d) in applied music.
- Recording of exams. A record shall be kept in the student's folder of all tests taken with the intention of receiving credit-by-examination. If the student receives an A, B, or C grade in the examination process, credit and a grade of P will be recorded on the transcript. By exception, these P grades from credit-by-examination will be counted toward the major or the minor. If the student does not earn a P, nothing is recorded on the transcript.
- The exams shall be ones of the type given in the course for which the student is seeking credit. Such exams shall be constructed, scored, graded and administered by an instructor appointed by the Provost.

CLEP

Credit is available upon successful completion of the College Level Examination Program (CLEP). A score at the of 50 or higher is required for credit.

Advanced Placement

Credit is available upon successful completion of the Advanced Placement Program (AP). A score of 3 or higher is required for credit.

Auditing Courses (No credit earned)

Auditing a course means attending class without obligation with respect to regularity of attendance, outside classwork, or examinations. Students register for audit courses in the same manner as for credit courses. The total number of credit and audit credits combined for which a student registers normally do not exceed 21 credits per semester. Audited courses are recorded in the Registrar's Office and are shown on the student's permanent academic record with the symbol Z.

Experiential Credit

Saint Joseph's College recognizes that knowledge and skills can be gained on the job as well as in the classroom and so experiential credit may be awarded to students who have demonstrated learning which is equivalent to college level knowledge and skill. Students enrolled in degree programs at SJC may request permission from the Provost to prepare a portfolio for evaluation. The following criteria apply:

- Students will normally be at least 25 years of age and enrolled in a degree program in the College.
- The awarding of credit shall not interfere with the requirements for professional certification or outside licensing (e.g. , CPA, Education Certification).
- Students shall not receive more than 21 credits via this method.
- Students must have at least one semester with a full-time status at SJC before applying for this type of credit.
- Credit will be awarded only for areas of study currently recognized as creditable at SJC.

Students must spend an academic term in the preparation of the portfolio. It is the student's responsibility to document and to demonstrate the knowledge which approximates the college credit being sought.

Evaluation shall be conducted by persons holding faculty appointment in appropriate disciplines and who are skilled in the evaluation process of experiential credit.

Credit will be awarded based on standards and guidelines for relating learning outcomes to units of credits.

Upon recognition of credit, entry shall be made on the student's transcript and shall be noted as experiential credit.

Internships and Practical Experience

The College provides a variety of programs which encourage students to apply knowledge outside the classroom. These programs help the student test career-choice decisions and provide them with work experience.

46 Earning Academic Credit

In addition to departmental programs (in accounting, business, communication, radio/TV, journalism, political science, pre-law, psychology, social work, and sociology) the College is affiliated with The Washington Center in Washington, D.C. The Center offers semester-long programs combining internship placement and coursework to qualified junior and senior students from a variety of majors. Recent Washington Center intern placements include theatre, radio, TV, congressional offices, businesses, non-profit organizations, lobbyists, and in the State and Defense Departments. Students interview with the organization(s) of their choice and are then placed for the semester.

To be eligible for an internship for academic credit, students must have a GPA of 3.000 overall and in their major, must have attained junior status (i.e., earned 60 or more credits), must have passed all prerequisites for internships, and must have the positive recommendation of the departmental coordinator of internships. Internships may carry from three to nine credits of academic credit, depending on length of time and level of work involved. The students are evaluated by their supervisor at the job site, but the final grade (A to F) is assigned by the departmental sponsor of the internship. A special fee is charged for the administration of all internships, except those with The Washington Center. Non-credit internships are also available for students.

Independent Study

This program provides the opportunity for degree-seeking students, during regular semesters, to pursue special topics, reading programs, or projects within existing departments apart from courses listed in the *Catalog*. Students who have completed the freshman year may apply for an independent study by preparing a proposal for the faculty member who might sponsor the project. After the faculty sponsor has approved the project, the student must receive permission from the Provost and then register for the independent study.

One, two, or three credits may be proposed for a project, and the credit and grade thus earned will be entered on the student's record and count toward graduation. The student registers for the independent study during the regular registration period, and all provisions of the official College calendar must be observed.

There is a limit of 12 semester credits of independent study that may be counted towards graduation requirements.

Directed Study

In rare instances a degree-seeking student may need a course in the College *Catalog* that is not in the published schedule for the current term. In such cases, the Chair of the Department involved must justify to the Provost a request for the student to do the course as a directed study. The Chair must also show why some other courses cannot substitute for the course in question. Before final approval is given, the Department will show how the directed study will be comparable in content, assignments, papers, and tests to the *Catalog* course as normally offered, and the official College calendar must be followed.

Spring and Summer Sessions (Terms 3 and 4)

SJC offers a fully-accredited spring program beginning in mid-May. In addition, the College offers a full summer program in Church Music and Liturgy for both graduate and undergraduate credit.

Study Abroad

Students who wish to spend a semester or a year studying abroad should contact the Advisor for International Studies as soon as they start considering this possibility. Careful planning has to go into the scheduling of courses, so that all graduation requirements will be met in timely fashion.

If the time abroad is spent at one of SJC's own extension campuses (England, France, Germany, Austria, the Netherlands, Spain, or Mexico), all courses, grades and credits will be entered onto the student's academic record. If the student makes arrangements to study at a different university abroad, other than the SJC extension campuses, the student will need to make arrangements with the Advisor for International Studies, and the Registrar for the appropriate transfer of credits.

ACADEMIC POLICIES

REGISTRATION, ADD/DROP & WITHDRAWAL OF COURSES

A "Course Schedule" is published for each semester, showing the courses that are offered, the time of meetings, the room numbers, and the instructor. The College reserves the right to cancel any course for low enrollment. SJC also reserves the right to assign students to class sections and to limit the number of students who may enroll in a course.

Faculty advisors assist students in planning their programs of study. In all cases it is advisable that the student select a major by the end of the freshman year and consult the faculty advisor regarding the pattern of courses for the major and minor sequences and the appropriate electives. A student's semester schedule of classes will not be considered final until it has been approved and filed in the Office of the Registrar.

Add/Drop Period

During the first week of classes in each semester a student may, with consent of the Registrar, change a schedule by adding or dropping courses. Courses dropped during this period do not appear on the student's permanent record.

Course Load

The normal course load for one semester is 15 or 16 credits. To be classified as full-time, a student must register for a minimum of 12 semester credits. Normally, every full-time student must be registered for the proper Core segment, unless an exception is granted by the Provost.

Permission to register for a course load in excess of 18 credits must be obtained from the Provost. The basis for such permission shall be the student's ability as evidenced by previous college work. The regular hourly tuition cost will be charged for each credit in excess of 18 credits.

Course Attendance

Students are required to attend all officially scheduled lectures, discussions, laboratory exercises and examinations. Absences may be excused for reasonable causes, such as sickness, death or serious illness in the student's immediate family, a wedding in the family, intercollegiate sports or other College activities (such as field trips), and circumstances beyond the student's control such as government summons, bad weather, etc. The judge of reasonableness in any case is the instructor.

48 Academic Policies

Sanctions for unexcused absences from class are the prerogative of the individual instructor. Sanctions may include a failing grade on any work due on the date of an absence, a reduction of the final grade for the course, or a failure in the course. Complaints of unfair sanctions will be considered by the Provost or a subcommittee appointed through the Academic Cabinet by the Provost.

Withdrawal From Courses

After the add-drop period, students wishing to withdraw from a course must present written evidence of consultation with the instructor and faculty advisor to the Registrar. To withdraw from Core courses, a student must also have written authorization from the Provost.

Forms for course withdrawal can be obtained at the Office of the Registrar. Such withdrawals will be indicated on the student's record with the letter "W". No official withdrawals will be given later than two weeks beyond the date for mid-term grades. (See College Calendar). Students who register for a course that begins at mid-term may officially withdraw from the course without penalty by the end of the twelfth week of that semester. All other regulations apply concerning a grade of "W" or "F".

Students who are assessed an overload fee and then withdraw from a course will be refunded a portion of the overload fee based on the week of withdrawal relative to the start of the course. The amount of the refund will be calculated according to the College "Refund Policy" scale on page 23 of this *Catalog*.

Withdrawal From The College

Students not intending to register for the following semester or who withdraw during or at the end of a semester are required to inform the Registrar. At the Registrar's Office, they will be given a "Withdrawal From the College" form. The form must be completed and the required signatures must be obtained. Some exit interviews should be anticipated. Any student who withdraws without proper notification and/or without having settled their financial obligations to the College will be refused official transcript of credit and/or a letter of honorable separation until all obligations are met.

Medical/Psychological Leave-of-Absence

When a student experiences serious medical or psychological problems while at Saint Joseph's College, he or she may request to take a voluntary medical leave-of-absence. If approved by the Vice President for Student Development/Dean of Students, the student will leave campus, be granted grades of "W" in all current courses (even if the normal deadline for withdrawal without academic penalty has passed), and the student must adhere to the readmission requirements set out in this policy if he or she desires to return to this college after the problem has been treated and resolved.

Saint Joseph's College may require a student to take a medical/psychological leave-of-absence if, in the judgment of the Vice President for Student Development/Dean of Students the student:

1. Poses a threat to the lives or safety of himself/herself or other members of the Saint Joseph's community;
2. Has a medical or psychological problem that cannot be properly treated in the college setting;

3. Has evidenced a medical or psychological condition or behavior that seriously interferes with the student's ability to function and/or seriously interferes with the educational pursuits of other members of the college, and which cannot be properly treated within the context of this college setting.

Readmission Requirements after Medical/Psychological Leave-of-Absence

Duration and Deadlines

For both voluntary and required leaves, the SJC policy on refunds will apply. If a student leaves Saint Joseph's College with a medical/psychological leave of absence, at least one full Fall or Winter semester (not counting the term in which the leave was granted) must normally pass before the student may be allowed to return. However, earlier returns may sometimes be considered, especially for students leaving in the Winter semester reapplying for the Fall. Students must apply for readmission through the office of the Provost who will consult with the Dean of Students.

Required Treatment

During a medical leave of absence, Saint Joseph's College expects the student to undergo professional health-care treatment as the primary method of resolving the initial problem. Failure to seek ongoing treatment will raise serious doubt as to the student's readiness to return, and in such cases Saint Joseph's College may withhold readmission until appropriate treatment has been received. The College expects that ill health which results in a medical/psychological leave must be treated satisfactorily in order for the student to return to the intellectual, physical and emotional demands of a college campus.

Readmission Application

A student wishing to return from a medical/psychological leave must initiate a request for readmission by writing a letter to the Provost/designee detailing what has been accomplished during the absence. A complete application must include:

1. The student's letter.
2. A supporting letter from an appropriate health-care professional (physician, or mental health professional).
3. Required personal interview with the Provost, Dean of Students and the Director of the Counseling Services.

The supporting letter from the health-care or mental-health-care professional should be directed to the Provost/designee and should address at least the following questions:

1. What were the reasons for the student seeing you?
2. How often did you meet and what were the inclusive dates?
3. What gains were made?
4. Are you confident the student is able to handle the intellectual, physical and personal demands of being a full-time resident student at SJC?
5. Are there any special conditions under which the student should be readmitted?
6. Will you continue to have a professional relationship with this individual once he/she returns to student status at SJC?

The Readmission Decision

The Provost makes the final decision about whether the medical/psychological problems causing the student to leave have been adequately addressed and that there is a reasonable assurance that such a health crisis will not recur. The Provost will make this decision based on consultations with the Dean of Students and Director of Counseling Services.

The Provost communicates the decision to the student. The decision to readmit a student from a medical/psychological leave-of-absence is a provisional judgment that may be reversed within the first term if the health crisis has not been satisfactorily resolved. When permission to return is granted, special conditions or requirements may be outlined at the time. Upon return, the student may be expected to meet periodically with the Provost, Dean of Students or Director of Counseling Services.



A student taking a break between classes.

GRADING

Students earn one of the following letter grades for each enrolled course:

<u>Grade</u>	<u>Quality Points</u>	<u>Grade</u>
A	4.000	W (Withdrawal)
A-	3.670	I (Incomplete)
B+	3.330	Z (Non-credit /Audit)
B (above average)	3.000	N (Not pass - no credit)
B-	2.670	P (Pass)
C+	2.330	
C (average)	2.000	
C-	1.670	
D+	1.330	
D (Acceptable but poor)	1.000	
F	0.000	

Calculate the GPA by multiplying the number of credits earned by the quality points, then divide the sum by the total number of credits attempted. For example:

<u>Grade</u>	<u>Credit</u>	<u>Quality Points</u>	
A	3	4.000	= 12.000
B-	2	2.670	= 5.340
C	4	2.000	= 8.000
B	1	3.000	= 3.000
D+	<u>3</u>	1.330	= <u>3.990</u>
	13		32.330

Q.P. Cr. GPA
32.330 ÷ 13 = 2.487

Only credits earned at SJC are used in calculating the GPA.

Incomplete Grade

The incomplete grade is given when under unusual circumstances a final grade cannot be given. It is not to be used by either the student or the instructor as a way of indiscriminately extending the semester or other grading period, nor is it to be used at the mid-term grading period. A course in which the grade of “I” is received will not be considered in computing the GPA until the incomplete grade is removed. If the “I” grade is not removed within five weeks after the close of the semester, a grade of “F” will be assigned. Students with an “I” grade are not eligible for the Dean’s List.

Grade Changes

Grades cannot be changed once they are submitted to the Registrar's Office. In case of computational error the instructor must secure the written authorization of the Provost. All grades are final after the date set for the removal of incompletes.

Repetition of Courses

Students may repeat any course. Only the highest grade earned will be used in calculating the GPA. However, all courses will remain part of the student's official academic record. Students are responsible for informing the Registrar that a course is repeated.

Pass/Not Pass Option

A student may count a maximum of 24 credits towards graduation under the pass/not pass option. The pass/not pass option is limited to open electives. Core courses and those required in the major or minor may not be taken for pass/not pass. The exception is student teaching. To receive a *pass* a student must achieve a C- or better; below a C-, student will receive a *not pass*, which will be recorded as no credit. The student must decide within the time limit stated in the calendar whether a course is to be taken for a grade or under the pass/not pass option. In determining fulltime status for Dean's List eligibility, pass/no pass credits are excluded. Students must have at least 12 letter graded credits remaining after the pass/no pass credits are excluded in order to be eligible for the Dean's List.

Grade Reports

Students are issued grade reports at midterm and at the end of the semester. Midterm grades do not become part of a student's permanent academic record. Both midterm and final grades are sent to parents, guardians and students.

ACADEMIC HONESTY

Saint Joseph's College exists for the pursuit of truth and knowledge. In that pursuit, all members of the community students, faculty, staff and administrators remain committed to honesty in all personal and professional activity related to the mission of the institution. Personal and communal integrity are fundamental in Catholic education. To that end, students at the College are obligated to understand the central role of honesty in its relation to academic coursework, interaction with their fellow students, relationships with faculty and association with the administrative staff of the College.

Students are expected to be truthful in all academic relationships on campus; in all courses, each student has the responsibility to submit work that is uniquely the student's own. Cheating, plagiarism, willful violation of personal or collegiate computer security, misrepresentation of rightful ownership of academic property, falsification of data, theft or mutilation of library or reserved materials, unauthorized or misrepresented copying of print/media information or copyrighted computer programs of any kind are expressly forbidden at the College. The use of commercial term-paper companies or preexisting files of term papers to produce assigned class work is considered a violation of the Academic Honesty Policy. Outside of formal coursework, students are also expected to maintain honest and ethical behavior. The misuse of SJC identification cards or the mistreatment or alteration of academic records (including grade reports and transcripts) are violations of the Academic Honesty Policy.

It is the special responsibility of the Provost to insure compliance to and promulgation of the Academic Honesty Policy. In addition to the publication of this policy in the *College Catalog*, all faculty are required to review the policy at the beginning of each

semester with all classes of the College. It is the individual faculty member's responsibility to assure that all students are aware of the written version of the Academic Honesty Policy and to support its enforcement. It is the individual student's responsibility to know and follow this policy. Ignorance of the Policy by any member of the community is not an excuse for noncompliance.

I. Detection of possible violation of the Academic Honesty Policy by a faculty member

Once a faculty member has sufficient reason to judge that a student has violated the College's policy on academic honesty, the faculty member should

- A. In person, and if possible in private, discuss the alleged violation and the evidence with the student, and,
- B. Without taking any punitive action, submit a written report to the Provost as soon as possible, indicating
 1. the charge against the student,
 2. evidence supporting the charge,
 3. and a summary of the discussion between the student and the faculty member, including any admission or denial of guilt on the student's part.

II. Enforcement of the Academic Honesty Policy by the Provost

Upon the receipt of the report, the Provost will inform the student, in writing, of the charges and right of appeal. The Provost will also enclose copies of the faculty member's report and the Academic Honesty Policy. The Provost will also inform the student that the sanctions for academic dishonesty are as follows:

- The minimum sanction for the first offense is an F for the test or assignment, but the usual sanction is an F in the course where the violation took place.
- The minimum sanction for the second offense (in the same or any other course at the College) is an F for the course, but the usual sanction is dismissal of the student from Saint Joseph's College.

If the student does not choose to appeal, the Provost will notify the faculty member and the student of the penalty that the Provost or delegate deems is applicable.

III. Process for student to appeal the charge

If the student chooses to appeal, the following procedures will be followed:

- The student will be permitted five school days from receipt of the letter to request a hearing before a subcommittee of the Academic Cabinet.
- The College will send a notice of a hearing to all parties at least five days prior to the hearing, if possible. The notice will include a statement of the time and place of the appeal and the nature of the charges.
- The above time periods may be waived by the student.

IV. Appeal Hearing

- At the appeal, all parties will have an opportunity to respond to the charges, to present evidence and argument on all issues involved, and to submit rebuttal evidence. The appeal will be conducted in an informal, but orderly, manner.
- The hearing committee shall complete and submit to the Provost or delegate a recommended decision containing its findings, conclusion, and recommended sanction, if any.

The Provost or delegate may accept or modify any finding, conclusion, or suggested sanction in the recommended decision and issue the final decision of the College as soon as practical. The final authority rests with the Provost.

Academic Classification

A student is classified as a freshman by meeting entrance requirements: as a sophomore after 24 credits have been earned; as a junior after 54 credits have been earned; and a senior after 84 credits have been earned. In order to fulfill minimum credit requirements for a Bachelor's degree, an average of 15 credits per semester is recommended.

Dean's List

The Dean's List is published at the end of each full-length semester. Full-time students who are in the top 10% of the student body in terms of current GPA semester grades are placed on the Dean's List, provided the student earns 12 credits excluding pass/not pass. Students receiving an Incomplete grade (I) are not eligible for the Dean's List.

Graduation With Honors

Graduation with honors is conferred on the basis of a student's cumulative GPA:

3.400 Cum Laude 3.600 Magna Cum Laude 3.800 Summa Cum Laude

PROBATION AND DISMISSAL

Students not making satisfactory academic progress are subject to academic probation or dismissal. Freshmen and sophomores whose cumulative GPA falls below 1.800 will be placed on academic probation. Juniors below 1.900 and seniors below 2.000 will be placed on academic probation.

Any student whose semester GPA is below 1.000 or whose cumulative GPA drops by 1.500 from the previous semester's GPA will be placed on academic probation and subject to dismissal. Students on academic probation must successfully complete the conditions specified in an academic advising contract. (These conditions may include items such as: weekly meetings, study hall attendance, restricted extracurricular activities, etc.).

Any student on academic probation who fails to remove the probation the following semester is subject to dismissal. Students who are dismissed have the right to appeal that decision. The appeal must be in writing to the Provost and must specify the reasons for the appeal.

Students who are dismissed may apply for readmission after one semester. The application must be in writing to the Provost and offer an explanation as to how the student will be academically successful if readmitted.

Students dismissed a second time will not be readmitted.

TEACHER EDUCATION

All early childhood, kindergarten, elementary, middle, junior high and secondary education programs have been approved by the state of Indiana in accordance with the Indiana Professional Standards Board (IPSB) and by the National Council for the Accreditation of Teachers Education (NCATE). In addition to standards established by NCATE and the IPSB, Indiana and the College adhere to the Interstate New Teacher Assessment and Support Consortium (INTASC) standards.

Students who are not residents of the state of Indiana should consult with the state Department of Education of their respective states, in which they legally reside or where they intend to teach for that State's teacher licensing requirements. Students are ultimately responsible for the fulfillment of all requirements for certification and licensing in the state where they intend to teach.

Since Teacher Education Programs (TEP) are governed by national, state and college requirements, a member of the education department advises students each semester prior to registration. Students preparing to teach in secondary schools major in the subject area they intend to teach and minor in Education.

A full-time student teaching experience is required for Indiana certification. This typically will occur during the first semester of the senior year. Students need approval of the Director of Student Teachers in order to register for student teaching. Assignments in cooperating public and independent schools are made in conjunction with the Teacher Education Committee (TEC).

To qualify for student teaching, a student must:

- Have a 2.750 cumulative GPA.
- Have been in the Teacher Education Program for at least one semester. Approval by the Teacher Education Committee in the junior year is the official entry into the Teacher Education Program.
- Have passed at least six credits of professional education courses.
- Have sound dispositions for the teaching profession and in the personal and social qualities basic to sound teaching.
- Have completed their presentation portfolio according to the INTASC standards.

Transition to Teaching

The Education Department offers a Transition to Teaching program for students already holding a bachelor's degree. To learn more information about the program or to check eligibility, please contact the chair of the Department or the license advisor.

Athletic Eligibility

A student is eligible to participate in intercollegiate athletic contests under the following conditions:

- Be of approved physical condition as certified by the team physician.
- Meet the requirements for classification as a regular full-time student in good academic and judicial standing at SJC. For purposes of determining athletic eligibility, a student athlete will be deemed to be in good academic standing unless the student fails to remove academic probation as described in the section entitled "Probation and Dismissal."

56 Academic Policies

- Be eligible to play in the designated game according to the rules, policies, and approved practices of the *National Collegiate Athletic Association* with respect to amateur standing, length of previous participation, institutional transfer and similar matters. SJC, as an institution of higher education, fully subscribes and adheres to the By-Laws, regulations and rules of the NCAA and the Great Lakes Valley Conference regarding "academic eligibility" and "satisfactory progress." Furthermore, SJC supports the philosophy and practice of applying said standards for both regular season competition, as well as tournament competition.

It is the responsibility of the players as well as the coaching staff to know and comply with the letter and the spirit of the athletic policies adopted and approved by the faculty.

Family Education Rights and Privacy Act of 1974

Annually, SJC informs students of the Family Education Rights and Privacy Act (FERPA) of 1974. This Act, with which the institution intends to comply fully, was designated to protect the privacy of education records, to establish the right of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with FERPA concerning alleged failure by the institution to comply with the Act.

Local policy explains in detail the procedures to be used by the institution for compliance with the provision of the Act. Copies of the policy can be found in the following offices: Provost, Registrar, Dean of Students, Financial Aid and Counseling Offices.

Transcripts

Students requesting academic transcripts must include name, date of birth, social security number, signature, date of graduation or last attendance, and complete address of where transcript is to be sent. A \$5 fee is charged per transcript copy for 1-10 copies. If more than 10 transcripts are ordered at one time, a maximum fee of \$50 will be charged. No transcripts will be sent if the student has any financial obligations to the College. For security reasons, the College does not fax transcripts.

STUDENT ACADEMIC AWARDS

The recognition of merit in the individual is natural and proper as an incentive to personal and social progress. The awards and prizes listed below represent SJC's attestation of the recipient's excellence as demonstrated in a variety of fields. In all cases the College reserves the right to withhold an award if none of the entries attains a standard of excellence sufficient to merit the distinction implied by the conferring of the award.

Academic Achievement in Criminal Justice

This award will be given to the senior with the highest major GPA in Criminal Justice provided it is at least equal to 3.500. If more than one student has the same GPA within the major, the students' overall GPA will be the determining factor. If this fails to distinguish between the candidates, the faculty of the Sociology and Criminal Justice Department will make the final determination. If no senior meets the GPA requirement, a junior will be selected if one meets the above criteria. Otherwise, no award will be given.

Accounting Faculty Scholarship Award

Presented annually by the accounting faculty to a junior accounting major, this scholarship is awarded based on evidence of a student's outstanding ability and potential in accounting. Nominations and selection determined by full-time accounting faculty.

The Douglas E. Bauer Memorial Award

This award was established by the Biology Department and the Biology Club in memory of Douglas E. Bauer (class of 1975) who was killed in an accident while pursuing his graduate degree in biology. The award will be made to a senior in biology or biology-chemistry who meets the following criteria: 1) grade point of at least 3.000; 2) positive attitude toward biology as demonstrated by cooperation with faculty and student peers; 3) determination and ambition as shown in laboratory procedures; 4) pursuit of further education in biology by admission to graduate study.

The Donald Brinley Prize In Philosophy

In recognition of his long-time contribution to SJC and his love and enthusiasm for students and philosophy, the philosophy and religion faculty have established the Don Brinley Prize in Philosophy. The student will be awarded the prize by submitting the best philosophical writing, as deemed by the philosophy and religion faculty. The writing is judged in light of the qualities Professor Brinley admired and exemplified: courage, insight, honesty, rigor, and depth in religious and philosophical thought.

Faculty Awards for Business Administration and MIS

Selected from the top 10% (based on cumulative GPA) of all majors in either business administration or management information systems (MIS), the recipients of these two awards "best embody the spirit of the Division of Business Administration mission statement." Nominations and selection are made by all full-time business faculty.

Dr. David B. Chattin Award for Excellence in Research

This award is to be given to a junior psychology major who has shown excellence in psychological research and preferably has presented at a research conference. The faculty of the Psychology Department will select the recipient of this award.

Computer Science Award

This award is given to the outstanding junior and the outstanding senior in the Computer Science Department. The recipients must be majors or group majors in computer science/information systems who have demonstrated the highest achievement in academic excellence. Award winners are selected by the Computer Science faculty members.

The Mr. and Mrs. C.H. Craig Creative Educator Award

The Mr. and Mrs. C.H. Craig Creative Educator Award is given annually to an Elementary Education Major who has demonstrated both an outstanding rapport with children and a high degree of creativity in working with them. The student will be selected by a vote of the faculty in the education department.

William L. Downard Prize In History

An award of merit presented annually by the Department of History to a student who has excelled in the field of history and its related areas.

Mother Drexel Sociology Award

This annual award is presented to a junior or senior Sociology major who has excelled in the field of sociology. This award is based on excellence in scholarship and responsibility in service.

The Father Rufus Esser English Award

This award is given to the senior English major who has manifested a deep appreciation and knowledge of literature, and who has contributed to the artistic and intellectual development of the College community.

Future Executive Leadership Award

Given annually to a senior business major (accounting, business administration and MIS) who has (a) proven success as a leader and (b) potential for executive level performance in a career, this recognition is awarded based on a vote of all senior business majors. Five nominations for the award will be made by full-time business faculty and are limited to students with a 3.000 GPA or higher.

John Heimann Award

An award to a music major for excellence in scholarship and general musicianship. The Heimann prize is named in memory of the late father of Fathers Ambrose and Lawrence Heiman. Donor: Dr. and Mrs. John B. Egan.

Indiana CPA Society Award

A plaque is presented annually by the ICPAS to the outstanding senior accounting major. The selection of the recipient is made by the accounting faculty on the basis of criteria which include: 1) achievement of at least a 3.000 GPA in accounting and also on a cumulative basis; 2) willingness to accept responsibility; 3) extracurricular activities, particularly of a leadership nature; and 4) good moral character.

Father Joseph B. Kenkel, C.PP.S. Award

This award is presented annually by the Department of Economics to a junior or senior for scholastic achievement in the study of economics. It is named in honor of Father Joseph B. Kenkel, who served Saint Joseph's College for over 40 years, both as a teacher of economics and as President of the College. To be considered for the award, the student must have at least a 3.500 GPA in economics and a 3.200 overall GPA.

Gregory E. Kulavik Award

Awarded annually to the outstanding new member of Saint Joseph's College Band, determined by a vote of the members.

Adam P. Lesinsky Award

Awarded annually to the outstanding member of the Saint Joseph's College Band.

David E. Osterfeld Political Science Award

An annual award presented by the Department of Political Science to a major who has excelled in the field of political science. The award is named in memory of Professor David Osterfeld, alumnus and faculty member.

The Father Sylvester Ley, C.PP.S. Editorial Award

Named for the co-director of *The Observer*, the award will be presented annually to a page editor deemed to have exemplified the best in editorial professionalism. Voted upon by the entire *Observer* staff.

Maritain Academic Excellence Award

This is an education department award given annually to the junior or senior admitted to the Teacher Education Program having the highest cumulative grade point average (minimum of 3.000).

Meiring Alumni Teaching Excellence Award

This award is given to an active teaching graduate having five or more years of teaching experience, whose contributions to classroom teaching and professional activities have a mark of excellence. The teacher will be selected by vote of the faculty in the education department. The award is named after Fr. Bernard J. Meiring, C.PP.S. who served the College and the education department from 1955-1993.

The Dr. James Mignery, C.PP.S. Award

This award is presented to the outstanding graduating senior majoring in the Communication and Theatre Arts Department. Named for former faculty member Brother James Mignerey, the recipient must exhibit those qualities most valued by Brother Jim: scholarship (minimum of a 3.500 GPA in the major), outstanding

60 Student Awards

contributions to the department's co-curricular activities, and service to the College. The faculty of the Communication and Theatre Arts Department will choose the recipient and the student's name will be engraved on the permanent plaque.

Outstanding Student in Environmental Science

This award goes to a senior Environmental Science major or minor who has demonstrated outstanding achievements. Criteria and requirements are: 1) minimum 3.200 GPA, 2) completion of a commendable internship, independent study or research in an area related to Environmental Science, and 3) service to the Natural Science Division, Environmental Club and other extracurricular activities. Candidates will be voted upon by the Environmental Science faculty and Environmental Club officers.

Edward Panozzo Award

This award is given annually to an upperclassman psychology, sociology, or social work major or minor who reflects the dedicated and intense social service commitment of the late Edward Panozzo. High GPA is not a criterion for this award.

J. Phillip Posey Award In International Studies

This award is made to a student majoring in International Studies, normally a senior, who holds a minimum 3.000 GPA and has demonstrated in class and in extracurricular activities a high level of global awareness.

Psychology Academic Excellence Award

This award is presented annually for academic achievement by the Psychology/Psi Chi Club in conjunction with the Psychology Department advisor. The recipient is the junior psychology major who has the highest grade point average in psychology courses. The completion of at least 12 credits of psychology and a minimum GPA of 3.000 are also required.

Schuyler Robinson Award

This award is for excellence in applied music as demonstrated in public performances. The award is given in memory of the late Schuyler Robinson, former editor of the *Rensselaer Republican* newspaper.

Saint Joseph's College Alumni Board Senior-Of-The-Year Award

This award is presented by the Director of the Alumni Association to the senior who has made outstanding contributions to both his/her class and the College.

Father Urban J. Siegrist, C.PP.S. Award

This award is presented annually to a junior for outstanding achievement in the biological sciences. The award is sponsored by the Biology Club and was established in 1976 in honor of Father Urban J. Siegrist, C.PP.S. for his many years of service to the College. The selection of the recipient is made by the biology faculty and Biology Club officers on the basis of the following criteria: 1) achievement of at least 3.500 GPA in biology and of at least 3.200 cumulative GPA; 2) extracurricular activities, particularly in the Biology Club.

Father Paul Speckbaugh, C.P.P.S. Reporter Of The Year Award

Named for the first co-director of *Stuff*, now called *The Observer*, the award will be presented annually to a staff reporter deemed to have exemplified the best in professional journalism. Voted upon by the entire *Observer* staff.

Student Teacher Excellence Award

This award is given annually to four student teachers, two per semester. Two elementary and two secondary level teachers will be eligible to receive the award. Student teachers are to meet the following criteria:

1. 3.400 or better cumulative GPA
2. 3.400 or better GPA in the major
3. involved in extra-curricular activities or service at the College or elsewhere with proper documentation
4. actively participates in the Education Club for at least two years
5. exhibits healthy dispositions in teaching and in personal and social qualities basic to sound teaching.

Trustees' Award

These awards are given to the top graduating student in each of the five academic Divisions of the College. Recipients are selected by the faculty of each Division on the basis of superior scholarship and leadership in extracurricular activities.

Wall Street Journal Award

To recognize a senior business major (accounting, business administration or MIS) with a 3.000 or higher GPA and superior written and oral communications skills. Nominations and selection are made by all full-time business faculty, with reference to student written work and presentations. The award consists of a plaque and a one-year subscription to *The Wall Street Journal*.

Louis B. White Award

This special citation of merit is presented annually by the Glee Club to the most outstanding member of the mixed chorus. The award was initiated in memory of Louis B. White '52, former president of the Glee Club, who gave his life for his country in 1953.

J. Kevin Woods Memorial Award

This special citation of merit is presented annually by full-time accounting faculty to an outstanding senior. The award, in memory of J. Kevin Woods, accounting alumnus of 1966 who was killed in action in Viet Nam in 1968, was established by his family and friends. The following criteria should apply in the annual selection of the student who receives the award: 1) must be an accounting major; 2) must have maintained C grades or better; and 3) the senior accounting majors, (not the faculty) select the student most deserving of the award.

HONORS SOCIETIES

Alpha Lambda Delta Freshman Honor Society

This national honor society recognizes outstanding scholastic achievement in the freshman year. To be nominated for membership, students must have at least a 3.500 cumulative GPA for the two semesters of their freshman year.

Delta Epsilon Sigma National Scholastic Honor Society

Students qualify for membership in this national society when they have completed half of the credits required for their degree with a cumulative GPA in the top 25%.

Phi Alpha Theta International Honor Society In History

To be considered for membership, a student must have completed at least 12 semester credits in history, have maintained at least a 3.100 GPA in those courses and a 3.000 GPA overall, and rank in the upper 35% of one's class.

Psi Chi National Honor Society in Psychology

This national honor society recognizes outstanding students with a major or minor in psychology. To qualify as an active member, students must have completed at least three semesters of college, have at least nine semester hours in psychology, rank in the upper 35% of their class in general scholarship, and maintain a GPA of at least 3.000 in psychology.



Roommates sharing a pizza in one of the residential suites.

Course Descriptions

Core Curriculum

Most colleges have “general education programs,” namely those courses that are required of all students for graduation, no matter what their individual majors are. At SJC, all of these general requirements are condensed into a single, integrated “Core Curriculum” that extends throughout the eight semesters of the normal undergraduate experience and totals 45 semester credits. These courses are, moreover, very evenly scheduled from the freshman to the senior years, occupying six credits in the first seven semesters and three credits in the second semester of the senior year.

The Saint Joseph’s College Core Curriculum is very different from general education at most other colleges. Here, general education involves almost all of the departments or disciplines within the College, and is team-taught. Moreover, the Core Program--unlike the more widespread “distributional” approach to general education, with students choosing two of these courses and one of those courses--is a single program of integrated liberal-arts education that begins at a well defined point in the freshman year and works through clear stages of progress toward an equally well defined goal in the senior year. The Core Curriculum, therefore, is a well-coordinated program of general education that complements the work in the major through the four years of college education.

Core Curriculum Objectives

The College began this special program in 1969 and has invested large amounts of faculty time and energy in it. Over the years, the curriculum has developed, but the following objectives remain the focus of the Core Curriculum.

- All Core Curriculum faculty, in all eight semesters, work to develop the cognitive and communication skills of students: critical thinking, listening-speaking, and reading-writing skills.
- The Core Curriculum is a common academic experience for all students and for most of the faculty, thus constituting a lively basis for true academic community on this campus.
- The Core Curriculum enables all students to acquire an understanding of how all the contemporary modes of inquiry work, no matter what the major.
- The Core Curriculum pays special attention to how knowledge from each of the various disciplines connects with knowledge from other fields, and thus students are encouraged to develop an integrative habit of mind.
- In the Core Curriculum, values (personal, national, global) are a constant focus of study, so that students may work to develop their own set of values with sensitivity and consistency.
- All through the eight semesters of the Core Curriculum, there is witness to the specific values of our Judeo-Christian and Humanist traditions in keeping with the College motto of “Religio, Moralitas, Scientia.”

The Core Curriculum constitutes “the first major” of each and every student at the College. That means that every graduate from SJC has the benefits -- for both personal development and for career advancement -- of a solid background in integrated liberal

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arts as well as the major field of study. Every student is exposed to a well planned and rigorous liberal arts "Core" and also has the opportunity to work at specific career or graduate school preparation through the major.

Freshmen Seminar (COR 001)

1 credit

A course for first-year students focusing on academic planning, college adjustment, and success skills, educational philosophy and the history and purposes of Saint Joseph's College. Required of all freshmen in the fall semester.

Core 1. (COR 110, 111) The Contemporary Situation

6 credits

A study of the human situation in the 20th century with its crises and achievements. The course aims at student involvement in the world through reflection and communication. Required of all freshmen.

Core 2. (COR 120, 121) The Modern World

6 credits

A study of the larger movements of civilization from the seventeenth to the 20th century with emphasis on contemporary relevance. Required of all freshmen.

Core 3. (COR 230) The Roots of Western Civilization

6 credits

A study of the Hebrew, Greek and Roman civilizations in their roles as roots of Western Civilization. Core 3 stresses the intellectual, artistic, religious, and social contributions of these civilizations to our modern Western Civilization. Required of all sophomores.

Core 4. (COR 240) The Christian Impact on Western Civilization

6 credits

A study of the growth of Western Civilization from the beginning of the Christian era to the emergence of the "Modern World." The intellectual, artistic, religious, and social growth of these years is emphasized. Required of all sophomores.

Core 5-6. (COR 350, 360) Humanity in the Universe

6 credits

This course, extended through two semesters, studies the emergence of the human species in the course of cosmic, biological and cultural evolution and assesses the theoretical and practical impact of the natural sciences on the human situation. Required of all juniors except those in an approved three-year science program.

Core 7-8. (COR 370, 380) Intercultural Studies

6 credits

An examination of civilizations other than our own. By studying other cultures, the student gains a new perspective and insight into the institutions and thought of the Western world. Extended through two semesters and required of all juniors.

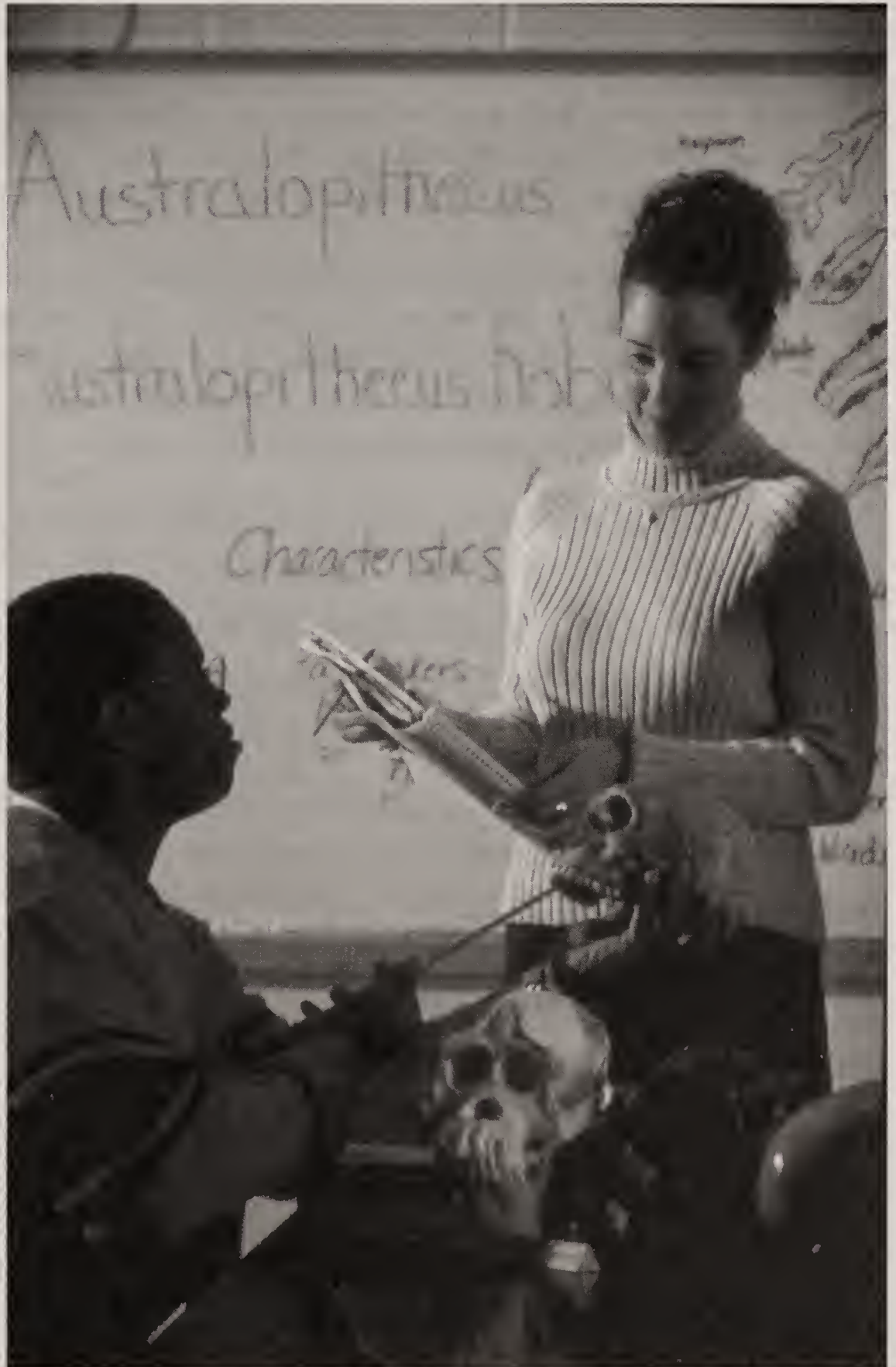
Core 9. Towards a Christian Humanism (COR 490)

6 credits

This course attempts to point to the possibility of a Christian view of the human person by an examination of the general problems of humanism, religion, Christianity, and Catholicism. It applies psychological, sociological, philosophical, and theological considerations to the material provided by the previous Core experience. Required of all seniors, and of juniors in an approved three-year sequence.

Core 10. (COR 498) Christianity and the Human Situation**3 credits**

A seminar course on selected ethical problems of our day in the light of Christian faith and of all the Core experience, especially Core 9. Core 10 is, therefore, a study of the practice of Christian Humanism. While section leaders may offer a variety of introductory approaches, preference will be given to seminar topics originated by students. Such topics might be related to person-oriented concerns, to urgent contemporary issues, or to a student's chosen career.



*Students examining
fossils in class.*

ACCOUNTING

Students majoring in accounting are provided with the fundamental courses to prepare them for entrance into the profession of accountancy, including public, private and governmental careers. In the field of public accounting there are opportunities in auditing, system design and consulting, cost and tax. In private accounting, thoroughly trained accountants have opportunities for advancement into executive, financial, auditing and cost accounting positions. Federal and state governments provide opportunities for accountants in a wide variety of activities including income tax, banking, interstate commerce, and the like.

The Accounting major prepares students to be flexible, adaptable and successful by stressing three key components for a successful career upon graduation. First, *business sense* - by experiencing the cross-functional environment of modern business organizations. Second, *critical skills* - in all the important business functions, but in other areas, too, such as communication, teamwork, critical thinking, and change management. Third, *personal character* - by forcing students to consider a social and ethical context for evaluating business decision making, strategy and policy.

When combined with practical experience, which students are encouraged to obtain through internships and practicums, the skills-focus of studying business at Saint Joseph's College prepares our graduates for a wide range of successful and rewarding careers.

Accounting majors are able to specialize in order to prepare for accounting careers in industry, local, state and federal government, banking, finance, and many other organizations. The major in Accounting, CPA, prepares students pursuing careers in public accounting and expecting to sit for the CPA exam. This 150-credit program includes vital internship opportunities and a CPA Review course.

Note: Students majoring in Accounting may not minor in Business Administration or Human Resources Management.

MAJOR IN ACCOUNTING (credits: 82 for CPA; 55 for General Accounting)

REQUIRED: Foundations, 8 courses (24 credits)

ACC 101 Prin of Acct I	ECN 120 Principles: Markets and Prices
ACC 102 Prin of Acct II	ECN 121 Principles: Money and Income
MGT 101 Prin of Management	BUS 201 Legal Environment of Business
MKT 102 Prin of Marketing	FIN 201 Prin of Finance

REQUIRED: Tools, 3 courses (7 credits)

BUS 101 Communication and Tech	ECN 210 Statistics for Business and Economics
BUS 301 Career and Job Planning	

REQUIRED: Synthesis, 2 courses (6 credits)

BUS 351 The Crucible	BUS 451 Business Policy and Strategy
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REQUIRED: For General Accounting Concentration, (18 credits)

ACC 203 Intermediate Acct I	ACC 309 Advanced Acct I
ACC 204 Intermediate Acct II	ACC 411 Auditing
ACC 307 Cost Acct	ACC 413 Income Tax Acct I

REQUIRED: For Certified Public Accountancy Concentration (82 credits)

55 credits listed above for General Accounting plus:

- | | |
|----------------------------|------------------------------------|
| ACC 305 Business Law | ACC 414 Income Tax Acct II |
| ACC 308 Advanced Cost Acct | ACC 415 C.P.A. Review |
| ACC 310 Advanced Acct II | ACC 417 Pro-Seminar in Acct Theory |

Choose two courses (6 credits) from:

- | | |
|--|----------------------------------|
| ECN 335 Money and Banking | FIN 312 International Finances |
| FIN 311 Corporate Financial Management | FIN 411 Financial Statement Anal |

MINOR IN ACCOUNTING (18 credits)

REQUIRED: 5 courses (15 credits)

- | | |
|----------------------------------|---------------------------------|
| 101-102 Principles of Accounting | 203-204 Intermediate Accounting |
| 307 Cost Accounting | |

ELECTIVE: Any 3 credits in Accounting

COURSE DESCRIPTIONS

101-102. Principles of Accounting **6 credits**

A fundamental course in accounting. The course is presented so that the student is properly prepared in the theory and techniques of accounting that are necessary for advanced accounting courses. Emphasis is placed on the solution of accounting problems.

203-204. Intermediate Accounting **6 credits**

An investigation into the form and theory of financial statements with emphasis on the theory and practice of accounting for assets, liabilities and corporate capital accounts. Theory and techniques of recognizing revenues and expenses, including the time value of money are studied as the various assets and liabilities are covered. Familiarity with current events in the financial world is required for intelligent class discussion.

305. Business Law **3 credits**

This course is designed to acquaint the student with those phases of law most frequently met in business. The selected areas of study include contracts, negotiable instrument, agency sales, partnerships, corporations, property and torts.

307. Cost Accounting **3 credits**

A study of the basic terminology, concepts, and techniques of cost determination. Job order, process, and standard cost systems are explored through the medium of problems.

308. Advanced Cost Accounting **3 credits**

This course is designed to familiarize the student with analytical interpretation of cost data. The areas of budgetary controls, direct costing, cost-volume relationships, and variance analysis are given special consideration. **Prerequisite: ACC 307.**

68 Accounting

309-310. Advanced Accounting

6 credits

Advanced partnership accounting problems and special transactions resulting from foreign currency translations are considered. Special emphasis is placed on the preparation of consolidated statements of financial condition and income. Consideration is also given to statements required of fiduciaries and to governmental accounting problems, as well as the statement of cash flow.

390. Internship

3-9 credits

This course is designed to allow qualifying students to actually work off campus for a professional accounting firm. These students apply the technical skills acquired in prior accounting courses to the actual accounting situations of the firm's clients. The student is also expected to act professionally in social situations with firm and client personnel. The Core program, with its emphasis on current events, ethics, and values, should allow the student to assume this responsibility with ease. Achievement will be based upon the periodic and final written reports of the intern and an evaluation of performance by the firm.

411. Auditing

3 credits

This course recognizes that dependable financial information is essential to the very existence of our society. The need for independent auditors to attest to the basic financial statements follows from this recognition. Professional competence and integrity as an auditor is developed in the student through exposure to the theory and techniques applied in an audit.

413-414. Income Tax Accounting

6 credits

This course is designed to familiarize the student with the federal income tax laws by means of lectures and practical problems. It is devoted to an intensive study of the income tax laws as they apply to individuals, partnerships, and corporations.

415. C.P.A. Review

6 credits

This course provides an intensive and comprehensive review of accounting. It is designed to help prepare students to take and successfully pass the uniform Certified Public Accountants' examination. Areas covered include: intermediate, advanced, theory, cost, auditing, income tax, quantitative methods, and business law. A mock, mini-C.P.A. examination is given at the end of the course.

417. Pro-Seminar in Accounting Theory

3 credits

An introduction, by means of directed reading and individual projects, to the methods of accounting research and the theory of accounts.

ART

The Art Department offers courses of instruction in the studio arts, art history and art education. Students may elect majors in art, art education or a minor in art. Courses may also be taken as electives for personal enrichment.

Studio courses in a variety of two and three-dimensional media focus on the fundamentals of visual communication and building in students the technical skills necessary for expression of their ideas in a chosen medium. Both the studio and art education programs prepare students for entry into professional careers or graduate programs.

MAJOR IN ART (36 credits)

REQUIRED: 5 courses (13 credits)

111 Basic Design	212 Design II	450 Senior Portfolio & Exhibition
131 Drawing I	232 Drawing II	

Choose 6 credits from:

251 Art History I	252 Art History II	353 Art History: Special Topics
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Choose 17 credits from:

221 Ceramics	233 Painting	255 Independent Study
225 Surface Design	234 Printmaking	259 Special Topics in Art
226 Woven /Const Textile	235 Glass	359, 459 Advanced Studio

GROUP MAJOR IN ART EDUCATION K-12 (70 credits)

REQUIRED: 14 courses (54 credits)

111 Basic Design & Color Theory	248 Elem Art Curriculum & Method
221 Ceramics	233 Painting
131 Drawing I	251 Art Hist I
212 Design II	252 Art Hist II
EDC 111 Human Devel	EDC 221 Instructnl Strategies
	EDC 411 Student Teaching
	348 Sec Art Curriculum & Method
	359 Advanced Studio
	450 Senior Portfolio & Exhibition

Choose 16 credits from:

225 Surface Design	235 Glass	259 Special Topics in Art
226 Woven /Const Textile	232 Drawing II	353 Art History Special Topics
234 Printmaking	255 Ind Study	459 Advanced Studio

MINOR IN ART (18 credits)

REQUIRED: 2 courses (6 credits)

111 Basic Design & Color Theory
131 Drawing I

Choose 3 credits from:

212 Design II
232 Drawing II

Choose 3 credits from:

251 Art History Survey I
252 Art History Survey II
353 Art Hist: Special Topics

Choose 6 credits from:

221 Ceramics
225 Surface Design
226 Woven & Const Textiles
233 Painting
234 Printmaking
235 Glass
259 Topics in Art
359 Advanced Studio

COURSE DESCRIPTIONS**111. Basic Design and Color Theory****3 credits**

Introductory study of theory, content, process and application of two-dimensional design with the inclusion of color theory and application.

131. Drawing I**3 credits**

A basic course in the fundamentals of drawing with an emphasis upon visual structure using various media.

212. Design II**3 credits**

Continued study of visual theory and structure through the design process with an emphasis on three-dimensional design problems in a variety of media. **Recommended prerequisite: ART 111. Lab fee.**

221. Ceramics**3 credits**

The study of hand-building techniques with an emphasis on the vessel form including techniques of surface decorating, glazing, and firing. **Lab fee.**

225. Surface Design**3 credits**

The study of a variety of surface design processes for fabric including: batik, tie-dye, bleach-out, fabric painting and printing, and silk-screen. **Lab fee. Recommended prerequisite: Art 111.**

226. Woven and Constructed Textiles**3 credits**

The study of weaving and fiber manipulation using various loom and non-loom techniques. **Lab fee. Recommended prerequisite: Art 111.**

232. Drawing II**3 credits**

A study of more advanced techniques and problems in a variety of drawing media with an emphasis on the development of finished compositions. **Prerequisite: Art 131.**

233. Painting**3 credits**

Basic instruction in the use of acrylic and other media with emphasis upon the visual problems of painting. **Recommended prerequisites: Art 111, 131.**

234. Printmaking**3 credits**

Introduction to printmaking processes with experience in four printmaking techniques: silk-screen, linoleum relief, collograph and monoprint. **Lab fee. Recommended prerequisites: Art 111, 131.**

235. Glass**3 credits**

Introduction to basic concepts, materials, processes and technology for creating flat glass including leading, foiling, slumping, fusing and enameling. **Lab fee and significant additional materials costs. Recommended prerequisite: Art 111.**

248. Elementary Art Curriculum and Methodology 3 credits

Introduction to basic art and design concepts and the organization, selection and use of art media appropriate for elementary schools. Emphasis on discipline based curriculum planning, lesson development and appropriate teaching and assessment strategies. Professional field experience provides for implementation of curriculum theory and action research. **Lab fee.**

251. Art History Survey I: Prehistoric to Renaissance 3 credits

A survey of the development of Western art from antiquity up to the Renaissance. Lectures, slides, and research.

252. Art History Survey II: Renaissance to Contemporary 3 credits

A survey of the development of Western art from the Renaissance to the present day. Lectures, slides and research.

255. Independent Study 1-3 credits**259. Special Topics in Art** 1-3 credits

Study of a studio discipline not listed in the catalogue. Repeatable with change in discipline. **Permission of instructor. Lab fee for some disciplines.**

348. Middle and Secondary Art Curriculum and Methodology 3 credits

Continuation of the examination and implementation of theories of curriculum and assessment, course design, professional standards and action research. Emphasis on professional development and positive dispositions. Professional field experience provides for implementation of curriculum theory and action research. **Prerequisite: Art 248. Lab fee.**

353. Art History: Special Topics 3 credits

An intensive study of specialized topics in art history. Repeatable with change in course content. **Permission of instructor.**

359. Advanced Studio 1-3 credits

Second semester of study in a given studio discipline. May be repeated with a change in disciplines. **Prerequisite: 3 credits of study in the discipline. Lab fee for some disciplines.**

450. Senior Portfolio and Exhibition 1-3 credits

Capstone experience for Studio Art or Art Education majors. Student is required to develop a representative portfolio of work, prepare and mount his or her solo exhibition and write an artist's statement. **Prerequisite: Senior standing in major.**

459. Advance Studio 1-3 credits

Third semester of study in a given studio discipline. May be repeated with change in discipline. **Prerequisite: 6 credits of study in the discipline. Permission of instructor. Lab fee for some disciplines.**

BIOLOGY

The departmental courses in biology are intended to help the student acquire: 1) A knowledge of the basic principles of the biological sciences and some skill in the application of the scientific method to biological problems; 2) The necessary background for work in graduate or professional schools of medicine, dentistry, or biological science; 3) The biological background for certain professional careers such as teaching biology in secondary schools or working in industrial or sales positions requiring a knowledge of biology or chemistry.

Interested and qualified majors in biology are encouraged to supplement their training in zoology or botany by field ecological work, marine or fresh water, in the taxonomic, embryological, and physiological areas, in any approved biological station. Fresh water and terrestrial field stations are operated by many midwestern colleges and universities. With prior consent of the department, credits received will be accepted here.

Students who plan to do graduate work in biology should do an independent study/research project (BIO 250, 255, 355, 455) or Internship in order to gain insight and experience in biological research.

NOTE: Students majoring in Biology, Biology-Chemistry or Medical Technology can not normally take BIO 115, 121, 122, 123, 202, 203 as part of the major. **BIO 111-112 are prerequisites for all Biology courses numbered 220 or higher.** Completion of any major does not guarantee admission to a graduate or professional school.

ASSOCIATE OF SCIENCE DEGREE IN BIOLOGY-CHEMISTRY (60 credits)

REQUIRED: 60 credits

CORE 1, 2, 3, 4

BIO 111&112 Gen Biology CHM 121&122 Gen Chem CHM 233 Organic Chem I
9 credits from biology or chemistry

7 credits from the natural sciences or math-science division

MAJOR IN BIOLOGY (60 credits)

REQUIRED: 36 credits in Biology that must include:

111 & 112 General Biology 220 Soph Biology Sem 330 Junior Biology Seminar
225 Comp Vertebrate Anat 337 Genetics 440 Senior Biology Seminar

REQUIRED: 16 credits in Chemistry:

121& 122 General Chemistry

233 & 234 Organic Chemistry

REQUIRED: 8 credits in Physics:

121 Mech & Heat

122 Optics, Electricity & Atomic Structures

MTH 125 Calculus I or High School Equivalent required prerequisite for PHY 121/122

GROUP MAJOR IN BIOLOGY-CHEMISTRY (62 credits)

REQUIRED: The same required courses as a Biology major plus CHM 246, BIO/CHM 379 and 11 credits of electives from Biology and/or Chemistry.

Students majoring in Biology or Biology-Chemistry may elect to concentrate in the following areas:

Environmental Biology: this emphasizes: ecology, conservation, populations, evolution and statistics.

Forensic Science: Emphasizes introductory and advanced forensic science, biochemistry, genetics, anatomy, and etymology.

Life Science Teaching: The Biology major or Biology-Chemistry group-major coupled with a minor in education will lead to a double license to teach Life Science (biology) and physical science (chemistry & physics) at the middle school and high school levels. This program of study coupled with Core 6 covers all six areas required by the state of Indiana (Cells, Heredity, Evolution, Biological Organization, Animal Behavior, Interdependence of Organisms) for a license to teach Life Science at the middle school, junior high and high school levels.

The minimum requirements for a teaching license in Life Science is a major and minor or a group-major in the Natural Science Division plus an education minor with the following distribution of courses:

REQUIRED: 21 credits of Biology (fulfills a biology minor and may be accomplished by a biology, biology-chemistry or environmental science major) that must include:

111-112 General Biology

3 credits from cellular-subcellular level:

- | | | |
|----------------------------------|------------------------|--------------------------|
| 121 Anatomy & Physiology I | 323 Intro Microbiology | 327 Human Med Physiology |
| 337 Genetics | 345 Histology | 379 Biochemistry |
| 343 Cellular & Molecular Biology | | |

3 credits from organismal level:

- | | | |
|-----------------------------|--------------------------|----------------------|
| 122 Anatomy & Physiology II | 225 Comp Vertebrate Anat | 231 Entomology |
| 232 Invertebrate Zoology | 234 Ichthy-Herpetology | 236 Ornith-Mammalogy |
| 218 Intro Forensic Science | 250 Amphibian Research | 346 Animal Behavior |

3 credits from the population level:

- | | | |
|-------------|---------------|------------------------|
| 233 Ecology | 335 Evolution | 339 Population Biology |
|-------------|---------------|------------------------|

Marine and Aquatic Biology: Interested students take a concentration in Zoology or Environmental Biology. We supplement their work with annual local field studies and a semester at an accredited Marine or Aquatic Institute.

Pre-Dentistry Program: The pre-dentistry program is designed to enable students to meet the entrance requirements of American dental schools. In addition, this program helps students prepare for the Dental Admissions Test (DAT).

Pre-Medical Program: The pre-medical program is designed to enable students to meet the entrance requirements of medical schools approved by the American Medical Association, the American Osteopathic Association, and the American Pediatric Association. Pre-Med students are advised by SJC's Pre-Med Advisory Committee. This program helps students prepare for the Medical College Admissions Test (MCAT).

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Pre-Pharmacy Program: The pre-pharmacy program is designed to enable students to meet the entrance requirements for Doctor of Pharmacy programs after an Associate or Bachelor of Science degree. Recommended courses include Human Anatomy and Physiology, Microbiology, Calculus I & II, Mechanics & Heat, Economics, Statistics, Biochemistry, Quantitative Analysis and Human Medical Physiology.

Pre-Therapy (Pre-Physical and Pre-Occupational Therapy): Those students interested in Physical Therapy or Occupational Therapy will major in Biology and take "Pre-Therapy" courses and the Health Therapy minor. This usually enables students to meet the requirements for entrance into Physical or Occupational Therapy schools at the master's degree level. Students taking the "Pre-Therapy" concentration and the Health Therapy minor may take Anatomy and Physiology (BIO 121, 122), for Biology credit, if they take Human Medical Physiology (BIO 327). They may also take Biochemistry (BIO 379 or CHM 379) in place of the required CHM 234.

Pre-Veterinary Program: This program is designed to enable students to meet the entrance requirements of American veterinary schools. These can often be met by taking TWO years of courses at Saint Joseph's College. Some veterinary schools prefer students to have four years of a MAJOR in biology with a concentration in zoology.

Zoology: this emphasizes: vertebrates, invertebrates, animal behavior, and physiology.

GROUP MAJOR IN MEDICAL TECHNOLOGY (56 credits)

This program requires completion of three years at SJC and 12 months in an affiliated hospital program. This program meets the requirements of the American Medical Association and the American Society of Clinical Pathologists. SJC is affiliated with the following Indiana hospitals: St. Margaret Mercy, Hammond and Ball Memorial, Muncie. **REQUIRED:** 54 credits of Biology and Chemistry plus one course in statistics (hospital program credits count for graduation requirements), which must include:

BIO 111 & 112 General Biology
BIO 323 Introductory Microbiology
BIO 444 Advanced Microbiology

CHM 121 & 122 Gen Chemistry
CHM 233 Organic Chem I
CHM 234 Organic Chem II **OR**
CHM 379 Biochemistry

REQUIRED: All Core courses except 5 & 6; 12 months in an affiliated hospital program.

MINOR IN BIOLOGY (18 credits)

REQUIRED: BIO 111 & 112 Gen Biology and 10 credits of Biology Electives

MINOR IN HEALTH THERAPY (18 credits)

REQUIRED: 18 credits from the following: (no more than 6 credits from any area.)

Mathematics
Sociology
Statistics

Psychology (except Statistics)
Physical Education
Art

NOTE: Only students majoring in Biology with a concentration in "Pre-therapy" can minor in Health Therapy.

COURSE DESCRIPTIONS**111-112. General Biology 8 credits**

An introductory discussion of the concepts and methods of biology with stress on laboratory investigations to emphasize biology as a science of inquiry. The second semester stresses biodiversity. **This course is a prerequisite to all other course offerings in biology numbered 220 or higher.**

115. Nursing Anatomy and Physiology 4 credits

This course is designed to study the structure and function of various cells, tissues, organs, and systems of the human body. An intensive course intended for nursing students only. Laboratory.

121-122. Human Anatomy and Physiology 6 credits

An introductory course intended for physical education and pre-therapy majors. The course is recommended for students preparing to teach health in high school. Laboratory.

123. Introductory Microbiology for Nursing 4 credits

This course gives a basic overview of the major areas of microbiology: microbial structures and physiology; environmental roles; control and growth; and immunology and disease. Laboratory emphasizes culture and handling techniques, means of growth and control, plus macro and microscopic means of identification. This course is meant as an introduction for freshman level nurses.

202. Diseases and Pharmacological Treatment I 3 credits

This course is designed to increase the learner's understanding of common pathophysiological phenomena. Pathophysiological content will be presented first with related pharmacotherapeutic regimes following. Content to be included will be cell structure, growth and development of the cell, fluid and electrolytes, infection, inflammation, the immune system and cancer. Pathology of pain and the pharmacotherapeutics of pain management are included. Endocrine, gastrointestinal, renal and urinary and dermatological systems presented with the pharmacotherapeutic management that is commonly used with all the listed pathologies. **Prerequisite: BIO 115 or equivalent.**

203. Diseases and Pharmacological Treatment II 3 credits

This course continues the process begun in Disease & Pharmacological Treatment I. Content builds on the first course to increase understanding of: common pathophysiological phenomena and pharmacologic content related to the cardiovascular, hematologic, respiratory, reproductive, sensory neurological, musculoskeletal, and psychiatric disorders. **Prerequisite: BIO 202.**

218. Introduction to Forensic Science for Science Students 3 credits

The course will focus on the multi-disciplined aspects of forensic science which will include anthropology, pathology, criminalistics, entomology, chemistry, and odontology. Guest speakers, expert in the above fields, will serve as excellent role models for students interested in employment in an alternative and very challenging line of work involving general scientific fields of study. Both lecture and laboratory will provide the basis for this hands-on learning experience where, instead of a traditional examination and research paper, the students will match wits with others as “experts in their fields” in a mock court.

76 Biology

220. Sophomore Biology Seminar

1 credit

An introduction to library search techniques, information retrieval systems, and scientific writing.

225. Comparative Vertebrate Anatomy

4 credits

The study of type forms of different classes of vertebrates, from the viewpoint of the morphological and physiological relationships of the various organs and systems. Laboratory.

231. Introduction to Entomology

3 credits

The course format will consist of two hours of lecture, which will focus on insect behavior, biology, morphology, and identification. A two-hour laboratory will provide students with insect biology and behavior. This course will provide necessary background for future advanced studies in medical entomology, ecology, and forensic entomology.

232. Invertebrate Zoology

3 credits

A survey of invertebrate animals from the protozoa through the chordates. Emphasis is placed upon structural and functional adaptations of the major phyla and classes, along with their evolutionary relationships. Laboratory.

233. Ecology (ENV 233)

3 credits

The study of organisms in relation to their environments with emphasis upon interrelationships among physical factors (light, temperature, and moisture), biogeo-chemical cycles, and biotic factors (trophic relationships, population dynamics, and interactions between species). **Prerequisite: BIO 111.**

234. Ichthyology and Herpetology

3 credits

This field course will focus on the evolution, classification, ecology and natural history of fish, amphibians and reptiles. Emphasis is placed upon the identification of local species.

236. Ornithology and Mammology

3 credits

This field course will focus on the evolution, classification, ecology and natural history of birds and mammals. Emphasis is placed upon the identification of local species.

250. Amphibian Population Research (ENV 250)

1 credit

Students participate in an ongoing amphibian population monitoring program to determine the distribution and abundance of frogs, toads and salamanders living in Jasper County, IN, and nearby areas. Students will learn in class how to identify all local species' breeding call, indices of relative abundance, and how to use topographic mapping techniques. Students are responsible to keep and submit a data file including habitat, weather, time and date of survey, and data on the relative abundance of amphibians in an assigned area of study. This course may be repeated up to three times. **Prerequisite: BIO 111.**

255. Independent Study**1-3 credits****323. Introductory Microbiology****4 credits**

This course gives a basic overview of the major areas of microbiology: microbial structures and physiology; environmental roles; control and growth; and immunology and disease. Laboratory emphasizes culture and handling techniques, means of growth and control, plus macro and microscopic means of identification. Though similar to Biology 123, lecture requirements will be in greater detail and depth, and laboratory exercises will place increased emphasis on scientific method and writing.

327. Human Medical Physiology**4 credits**

An in-depth study of the physiology of the human body, especially as demonstrated in medical conditions and medical lab tests. Cannot be used to replace Biology 121 or 122. Laboratory.

330. Junior Biology Seminar**1 credit**

Application of library research techniques to the preparation and presentation of a paper in the style typical of scientific conferences of an annotated bibliography.

335. Evolution**2 credits**

This course will focus on determining the mechanisms of evolution and elucidating evolutionary history. Discussion will emphasize the original literature as well as current research.

337. Genetics**4 credits**

A study of the general principles of heredity and the operation of hereditary factors in the origin and development of species and of individual traits. Laboratory.

339. Population Biology (ENV 339)**2 credits**

This course will focus on population growth, interactions of populations community structure, metapopulation dynamics, and landscape ecology and their implications for conservation biology and wildlife management. A project on the methods for the experimental design of ecology and environmental studies is included. **Prerequisite:** BIO 111. **Recommended Prerequisite:** BIO 112 or BIO/ENV 233.

341. Advanced Forensic Science**3 credits**

This course will focus on the basic and applied science aspects of forensic science. The course will stress research, analytical skills, applied methods and the use of the primary science literature to aid crime investigation. **Prerequisite:** BIO 218.

343. Cellular & Molecular Biology**3 credits**

This course will focus on the fundamentals of cellular structure and physiology and molecular genetics and the methods and applications of recombinant DNA biotechnology. Two hours of lecture and two hours of lab. **Prerequisite:** CHM 234.

345. Histology**3 credits**

The study of the microscopic structure of animal tissues with emphasis on human tissue structure. Microscopic examination of tissue slides to determine the internal identifying characteristics of cell types and their mode of organization into functional tissues and organs. Laboratory.

78 Biology

346. Animal Behavior

3 credits

Types of animal behavior are studied in regard to their causation, development, function, ecology and evolution. Lectures, labs and projects.

355. Junior Research in Biology

1-3 credits

Consent of instructor.

379. Biochemistry (CHM 379)

4 credits

A study of the chemistry and properties of carbohydrates, amino acids, proteins, lipids and nucleic acids as they relate to cellular metabolism and organelles. Examination of molecular structure and active sites of some model enzymes systems and a study of intermediary metabolism and its control mechanisms are included. Laboratory.

Prerequisites: BIO 111, 112 and CHM 233.

440. Senior Biology Seminar

1 credit

The organization and presentation of a research paper as part of a scientific area symposium.

444. Advanced Microbiology

4 credits

This course looks in greater depth at microbial diseases, genetics, and special roles. Half of the course deals with immunology in genetics, and special roles. Half of the course deals with immunology in depth (immune response, agents and cells, modern use of immune technology, hypersensitivity, and cancer and graft immunity).

455. Senior Biology Research

1-3 credits

Consent of instructor.

459. Topics in Biology

3 credits



Students observing salamanders in a field experiment.

BUSINESS ADMINISTRATION

The Business Administration major prepares students to be flexible, adaptable and successful by stressing three key components for a successful career upon graduation. First, *business sense* - by experiencing the cross-functional environment of modern business organizations. Second, *critical skills* - in all the important business functions, but in other areas, too, such as communication, teamwork, critical thinking, and change management. Third, *personal character* - by challenging students to consider a social and ethical context for evaluating business decision making, strategy and policy.

When combined with practical experience, which students are encouraged to obtain through internships and practica, the skills-focus of studying business at Saint Joseph's College prepares our graduates for a wide range of successful and rewarding careers in small and medium size businesses or non-profit organizations.

Students majoring in Business Administration will choose a concentration in Finance, International Business, Marketing or Management and may not minor in Accounting or Human Resources Management.

MAJOR IN BUSINESS ADMINISTRATION

REQUIRED: Foundations, 8 courses (24 credits)

ACC 101 Prin of Acct I	MKT 102 Prin of Marketing	ECN 120 Markets & Prices
ACC 102 Prin of Acct II	FIN 201 Prin of Finance	ECN 121 Money & Income
MGT 101 Prin of Management	BUS 201 Legal Environment of Business	

REQUIRED: Tools, 3 courses (7 credits)

BUS 101 Comm & Technology BUS 301 Career & Job Planning ECN 210 Statistics

REQUIRED: Synthesis, 2 courses (6 credits)

BUS 351 The Crucible BUS 451 Business Policy and Strategy

REQUIRED CONCENTRATION: 4 courses (12 credits) from **one** subject area below

FINANCE: choose 4 courses (12 credits)

FIN 211 Investments	FIN 411 Financial Statement Analysis
FIN 311 Corporate Financial Mgt	FIN 421 Special Topics in Finance
FIN 312 International Finance	

INTERNATIONAL BUSINESS: choose 4 courses (12 credits)

FIN 312 International Finance	MGT 312 International Business
POL 103 International Relations	MGT 421 Special Topics in Mgt
POL 407 International Law	

MANAGEMENT: choose 4 courses (12 credits)

MGT 211 Human Resources Mgt	MGT 411 Organizational Behavior
MGT 212 Entrepreneurship	MGT 421 Special Topics in Mgt
MGT 311 Production & Operations Mgt	

MARKETING: choose 4 courses (12 credits)

MKT 211 Promotion Management	MKT 411 Marketing Research
MKT 311 Sales & Marketing Mgt	MKT 421 Special Topics in Marketing
MKT 312 E-Commerce	

Students may design their own concentration by selecting 12 credits from upper level courses in Business Administration, with the approval of their advisor.

80 Business Administration

GROUP MAJOR IN MANAGEMENT INFORMATION SYSTEMS (73 credits)

Students studying in the MIS program prepare themselves for careers helping businesses, government and other organizations create productive and efficient systems for processing, integrating, organizing and communicating critical information. The program combines advanced management courses with computer science courses. It is a group major that does not require a minor.

REQUIRED: Foundations, 8 courses (24 credits)

Tools, 3 courses (7 credits)

Synthesis, 2 courses (6 credits)

REQUIRED: 12 courses (36 credits)

ACC 307 Cost Accounting

MGT 311 Production & Operations Mgt

MGT 312 International Business

MGT 411 Organizational Behavior

MKT 312 E-Commerce

MKT 411 Marketing Research

CMP 111 Computer Science I

CMP 112 Computer Science II

CMP 221 Data Structures

CMP 231 Applications Programming

CMP 340 Information Systems

CMP 341 Database Concepts

MINOR IN BUSINESS ADMINISTRATION (18 credits)

REQUIRED: 5 courses (15 credits)

ACC 101 Principles of Accounting I

ECN 110 The Economic Way of Thinking

FIN 201 Principles of Finance

MGT 101 Principles of Management

MKT 102 Principles of Marketing

Choose 3 credits from:

MGT 211 Human Resources Mgt

MGT 212 Entrepreneurship

MGT 312 International Business

MKT 312 E-Commerce

MINOR IN HUMAN RESOURCES MANAGEMENT (18 credits)

REQUIRED: 4 courses (12 credits)

PSY 110 Introduction to Psychology

PSY 134 Industrial & Organizational Psych

MGT 211 Human Resources Mgt

MGT 322 Human Resources Pract

Choose 3 credits from:

MGT 101 Principles of Management

MGT 312 International Business

MGT 421 Special Topics in Management

ECN 210 Statistics for Business & Econ

FIN 312 International Finance

Choose 3 credits from:

PSY 125 Theories of Personality

PSY 225 Statistics

PSY 324 Abnormal Psychology

PSY 335 Measurement & Evaluation

SOC 227 Race and Ethnic Relations

Note: Only one course from ECN 210 and PSY 225 counts toward the minor.

COURSE DESCRIPTIONS

BUSINESS ADMINISTRATION (BUS)

101. Communication and Technology 3 credits

A portal for new students in business administration, this course introduces communication, technology, case analysis, and presentation skills required for, and further developed in, later courses. It helps establish an initial social and ethical framework for business studies, with a direct link to relevant topics and readings in Core 1.

201. The Legal Environment of Business 3 credits

This course will cover legal and regulatory issues in detail to form a context for the ethical and social considerations of business decision making. Discusses the impact of the common law, statutes, regulations and the U.S. Constitution on the business organization. It provides an understanding of the court systems, and the legislative and regulatory processes. The course also furnishes an analysis of the law as it affects various business practices including defective products, contracts, employment, environmental practices and international business activities.

211. Students in Free Enterprise 1 credit

SIFE is designed to enhance students' understanding of the American free enterprise system. Open to business or non-business majors, the course consists of projects to increase public awareness of economic problems in the increasingly competitive global marketplace. Students will also prepare an annual report of activities and present their work at regional competitions sponsored by SIFE International. (May be taken once.)

301. Career and Job Planning 1 credit

This course is designed to help students develop the skills needed for their job search process and to successfully enter the business world upon graduation. It also offers assistance in preparing for the transition from student life to professional life. The course includes self-skills assessment, career path management, effective cover letters and resumes, and interviewing skills. **Open to Seniors and Juniors.**

321. Business Practicum 1-3 credits

The Business Practicum is designed to offer students hands on training while under the supervision of professionals. A practicum can be designed for any area of study. The student will work in the field gaining practical experience and then report on a regular basis to the supporting faculty member. A major paper will be a portion of the requirements for credit. **Prerequisite: All eight foundations courses and cumulative GPA of 2.500 or higher.**

351. The Crucible 3 credits

This junior year course places student teams in competitive scenarios that test the application of skills and concepts developed in the Foundations courses. It simulates the cross-functional environment of modern business organizations and stresses teamwork, decision making under uncertainty and change, and evaluation of ethical dilemmas. Relevant intermediate level functional concepts are also introduced. **Prerequisite: all eight Foundations courses and cumulative GPA of 2.500 or greater.**

82 Business Administration

355. Independent Study in Business

1-3 credits

With approval of the faculty, this course allows students to pursue independent research, analysis and writing on a business topic or issue of special interest. Students may propose a project idea or develop one with faculty. Requires a major business report and presentation.

390. Internship in Business

3-9 credits

Selected students will earn credits for completing an internship program with a business firm. Students will prepare regular reports describing their duties and experiences. Upon completion of the internship program, interns will submit a major paper addressing the various activities and projects in which they participated, as well as an analysis of the company's operations. The interns will also present their experiences to faculty members. **Prerequisite: Cumulative GPA of 3.000 or higher and departmental approval.**

421. Special Topics in Business

3 credits

Offered as needed, this course allows the business faculty to cover special topics of interest or to address developing issues in business and industry. Faculty may periodically initiate the course, but students should feel free to suggest topic ideas, too.

451. Business Policy and Strategy

3 credits

This course is designed to give students practice in policy making thereby enhancing their ability to identify, analyze, interpret and evaluate business policies, especially those of large corporations. Through the study of actual business situations, the student will learn to diagnose a company's policy decisions. Cases are selected from a variety of industries to emphasize the universality of management problems and to give the student a facility for solving problems wherever they may develop. An attempt will be made to focus previously gained knowledge of accounting, finance, management, marketing and economics upon such matters as organization, administration, procurement, production, sales, labor, financial and expansion policies. **Prerequisite: Senior standing and cumulative GPA of 2.500 or higher.**

FINANCE (FIN)

101. Personal/Family Finance

3 credits

This course provides students with the knowledge and tools necessary to make informed financial decisions. The course addresses the principles and practices of budgeting, cash and credit management, purchase decisions, insurance planning, investment management and retirement and estate planning. *No background in Accounting or Finance is required. Open to all students regardless of their major.*

201. Principles of Finance

3 credits

A fundamental course in finance. The course provides students with an overview of financial institutions and markets, investments and corporate finance. Students will learn about the importance of and role that financial markets play in the economy; the Federal Reserve System; risk and return; stocks bonds and mutual funds and fundamental corporate finance concepts. The course addresses current economic, financial and investment issues and features spreadsheet modeling using Microsoft Excel.

211. Investments**3 credits**

This course provides students with the knowledge and tools necessary to make sound investment decisions. Students will learn about the securities markets and how they function; how to place trades; how to establish investment objectives and policies; the characteristics and risks of various investment securities, including common stocks, preferred stocks, fixed income securities, money-market instruments and mutual funds and their roles in an investment portfolio; and how to construct and manage an investment portfolio. The course emphasizes the fundamental analysis of common stocks, which focuses on analyzing and understanding businesses and the factors that contribute to their growth, profitability, financial condition and competitive position. The course features spreadsheet modeling using Microsoft Excel.

311. Corporate Financial Management**3 credits**

This course examines issues and policies pertaining to the financial management of the corporation, including working capital management, capital structure and capital budgeting. The course also addresses current issues in corporate finance. The course features spreadsheet modeling using Microsoft Excel.

312. International Finance (ECN 312, POL 312)**3 credits**

An introduction to international trade and international financial markets. The trade component covers comparative advantage, tariffs, and the benefits and costs of increasingly open global trade. The markets component covers topics on balance of payments, foreign currency markets, hedging with forwards, futures and options, and special considerations for businesses conducting international trade.

411. Financial Statement Analysis**3 credits**

This course focuses on analysis and interpretation of corporate financial statements, including the balance sheet, income statement and statement of cash flows. Students will analyze their financial statements to assess a corporation's financial strength, profitability and cash flow. Various accounting concepts, including revenue and expense recognition, asset valuation, accounting for liabilities, debt and equity financing and off-balance sheet items, amount others, are addressed. The course features case studies and spreadsheet modeling using Microsoft Excel.

421. Special Topics in Finance**3 credits**

Offered as needed, this course allows the business faculty to cover special topics of interest or to address developing issues in finance. Faculty may periodically initiate the course, but students should feel free to suggest topic ideas, too.

MANAGEMENT (MGT)**101. Principles of Management****3 credits**

The purpose of this course is to present a carefully organized system of concepts by which the basic meaning and the universal principles of management can be grasped. This course is limited to a treatment of that body of fundamental principles which underlies all management regardless of type or size of business. A study of the structure of industry in the U.S., the objectives and means of a business enterprise, the functions of business, the environment of a business, the purpose and methods of management, administrative decision making and functions of management.

211. Human Resource Management**3 credits**

This is an introductory course for learning the skills needed to effectively manage people in an organization. Human resources are one of the largest assets of an organization and can lead to a competitive advantage, if managed properly and in conjunction with the overall strategy and mission of the organization. In Human Resource Management, students are exposed to such skills.

212. Entrepreneurship**3 credits**

This course is aimed at the student interested in starting and operating his or her own small business. It will emphasize those problem areas axiomatic of small enterprises rather than large corporations. Materials, films and lectures from the Small Business Administration will be used extensively. **Prerequisite: ACC 101, MGT 101, MKT 102.**

311. Production and Operations Management**3 credits**

The study of the fundamentals of the functional areas in production/operations. The study includes the decision making process as related to product planning, demand, forecasting, production/ inventory, quality control and improvement, and productivity. The essentials of qualitative analysis will be employed to facilitate decision making. **Prerequisite: ECN 210.**

312. International Business**3 credits**

Comparative management and marketing practices around the world. The student studies management and marketing policies, practices and techniques in a multinational market. Topics include foreign exchange, formulation of national trade policies, the role of culture and strategies for entering foreign markets.

322. Human Resource Management Practicum**3 credits**

This capstone course is developed for the purpose of affording the student hands-on training, while under the supervision of professionals. The student will work in the field and report weekly to the supervising professor. A major paper will be submitted analyzing the experience and giving suggestions.

411. Organizational Behavior**3 credits**

A course to study the impact of how groups and individuals respond to and act in organizations and how organizations manage their environments. Topics include motivation, leadership, decision making, effective work groups, power politics and conflict and organizational change. **Senior standing only.**

421. Special Topics in Management**3 credits**

Offered as needed, this course allows the business faculty to cover special topics of interest or to address developing issues in management. Faculty may periodically initiate the course, but students should feel free to suggest topic ideas, too.

MARKETING (MKT)**102. Principles of Marketing****3 credits**

A study of the structure and process of marketing with emphasis upon the manner in which marketing distributes economic resources and stimulates demand. Consumer, industrial and government markets are analyzed and the resources of the economy are reviewed from the standpoint of the marketing problems they present. The organization of marketing is described with special attention devoted to channels of distribution and the various types of retailers and wholesalers. Descriptive cases and commodity analyses are used throughout the course.

211. Advertising and Promotion Management**3 credits**

One of the marketing mix elements is promotion or marketing communications. This course studies the effects of promotion or marketing communications upon sales and society from the managerial and behavioral perspectives. The course will examine management of the advertising, promotional planning and budgeting, media selection, assessment of advertising and promotion campaign, and environmental forces influencing the promotion management. **Prerequisite: MKT 102.**

311. Sales and Marketing Management**3 credits**

A study of the marketing problems of the firm approached from a management point of view. Emphasis is placed on the development of the student's ability to analyze marketing situations, identify problems, determine solutions, implement corrective action, and plan strategy. The student learns how the marketing management functions of merchandising, channel selection, determination of brand policy and price policy, sales promotion, advertising and personal selling integrate to produce an effective marketing program.

312. E-Commerce**3 credits**

The Internet is a communication, distribution, and exchange medium that is having a dramatic impact on marketing. The E-Commerce course is designed to cover the integral parts of marketing and the relation to e-commerce, e-business, e-collaboration, e-strategy. The course will engage in e-commerce activities and will provide students with an opportunity to explore the challenges of starting and maintaining an e-commerce business.

411. Marketing Research**3 credits**

The use of scientific methods by business in gathering and utilizing marketing data in the efficient selling of merchandise. An analysis of selling, price and product problems that market research may assist in solving; research questionnaire building and methods of sampling; a survey of problems that a division of marketing is likely to face; analysis of markets through company records, published sources and original investigation. **Prerequisite: ECN 210 and MKT 102.**

421. Special Topics in Marketing**3 credits**

Offered as needed, this course allows the business faculty to cover special topics of interest or to address developing issues in marketing. Faculty may periodically initiate the course, but students should feel free to suggest topic ideas, too.

CHEMISTRY

The courses offered by the Department of Chemistry are designed for the student to attain: 1) knowledge and understanding of the basic concepts of chemistry, basic instrumentation, and analytic and synthetic methods used in chemistry; 2) knowledge and use of safety procedures and respect for hazardous chemicals and their interaction with the environment; 3) skills in problem-solving, accessing and organizing information, and communicating as a science professional; and 4) an appreciation of the importance of the field of chemistry in today's society.

Since these objectives are all included to some degree in every course, majors in other areas of science such as biology, geology, engineering, education, and nursing, as well as chemistry, will be adequately prepared in terms of the supportive knowledge and skills needed for their respective areas of study.

MAJOR IN CHEMISTRY (53 credits)

REQUIRED: 14 courses (49 credits)

CHM 121 & 122 General Chem I & II
CHM 233 & 234 Organic Chem I & II
CHM 246 Quantitative Analysis

PHY 121 Mechanics & Heat
PHY 122 Optics

CHM 367 & 368 Physical Chem I & II
CHM 440 Instr Methods of Analysis
CHM 455 Research in Chem
CHM 460 Seminar in Chem
MTH 125 Calculus I
MTH 126 Calculus II

ELECTIVES: Any 4 credits in Chemistry.

MINOR IN CHEMISTRY (18 credits)

REQUIRED: 2 courses (8 credits)

CHM 121 & 122 General Chem I & II

ELECTIVES: Any 10 credits in Chemistry except CHM 111, 255, and 455
(CHM 246 is strongly recommended).

Physical Science Teaching: The Chemistry major coupled with a minor in education will lead to a license to teach physical science (chemistry & physics) at the middle school and high school levels. This program of study coupled with Core 5 covers all six areas required by the state of Indiana (Structure of Atoms, Structure & Properties of Matter, Chemical Reactions, Motions of Forces, Laws of Thermodynamics, Interactions of Energy & Matter) for a license to teach Physical Science at the middle school, junior high and high school levels. A second license to teach Life Science can be obtained with a minor in biology or a second license in Earth/Space Science can be obtained with a minor in geology.

The minimum requirements for a teaching license in Physical Science is a major and minor or group-major in the Natural Science Division plus an education minor with the following distribution of courses:

REQUIRED: 23 credits of Physical Science courses (fulfills a chemistry minor and may be accomplished with a biology, biology-chemistry or environmental science major) that must include:

CHM 121-122 Gen Chemistry PHY 121-122 Physics CHM 233 Organic Chem I

3-4 credits from:

CHM 234 Organic Chem II CHM 246 Quant Analysis CHM 367 Phys Chem I
CHM 379 Biochemistry GEO 233 Mineralogy Physics elective

COURSE DESCRIPTIONS

(Any course stated to be a prerequisite must be completed with a grade of C- or better.)

111. Introductory Chemistry

5 credits

This is an introductory chemistry course for nurses and may serve as a preparation for students to take CHM 121. It covers topics in general chemistry including metric conversions, atomic structure, bonding, chemical and physical changes, gases, solutions, acids and bases. The organic portion covers basic organic functional groups and simple IUPAC naming, as well as an introduction to carbohydrates, lipids and proteins.

Prerequisites: high school chemistry.

121. General Chemistry I

4 credits

This course combines the basic concepts of chemistry with practical application of these concepts in the laboratory. It is intended to build upon a foundation of high school chemistry. **Prerequisite:** high school chemistry.

122. General Chemistry II

4 credits

This course is a continuation of Chemistry 121 or an equivalent. Three lectures and one 3-hour laboratory period per week. **Prerequisite:** CHM 121.

233. Organic Chemistry I

4 credits

A study of the structure, naming, properties, and reactions of aliphatic and aromatic hydrocarbons. The material presented in the lecture will be supplemented by application studies in the laboratory with representative compounds. **Prerequisite:** CHM 122.

234. Organic Chemistry II

4 credits

A study of the structure, naming, properties, and reactions of the functional groups of organic compounds. A study of these properties and reactions will be directed in the laboratory where spectroscopic methods will also be introduced. **Prereq:** CHM 233.

246. Quantitative Analysis

4 credits

A study of the theoretical principles upon which analytical methods are based. Included are a survey of the field of analytical chemistry and a detailed investigation of the standard methods. Volumetric, gravimetric and electroanalytical experiments are carried out in the laboratory. **Prerequisite:** CHM 122.

255. Independent Study

3 credits

367. Physical Chemistry I

4 credits

A fundamental course based on the principles of physical chemistry. The role of energy in chemical reactions is treated both from the descriptive and the analytical viewpoints. **Prerequisites:** CHM 246, MTH 126, and PHY 122.

88 Chemistry

368. Physical Chemistry II

4 credits

A continuation of Chemistry 367. This course emphasizes atomic and molecular structure and reaction dynamics. **Prerequisite:** CHM 367.

379. Biochemistry (BIO 379)

4 credits

A study of the chemistry and properties of carbohydrates, amino acids, proteins, lipids, and nucleic acids as they relate to cellular metabolism and organelles. Examination of molecular structure and active sites of some model enzyme systems is included. **Prerequisite:** BIO 111, 112 and CHM 233 (CHM 234 preferred).

380. Introduction to Medicinal Chemistry

3 credits

This course is an introduction to the chemistry of medicinal substances. Emphasis is given to structural features of these substances and how they interact with body tissues. Coverage also includes dosage forms and drug metabolism. **Prerequisite:** CHM 234.

440. Instrumental Methods of Analysis

4 credits

A study of the principles of chemistry underlying the use of instruments in analysis and a survey of the field. The laboratory work consists of analyses carried out with representative instruments. **Prerequisite:** CHM 246.

455. Research in Chemistry

1-2 credits

This is an individual research project on some special problems in chemistry. The student makes a thorough search of the literature and carries out the experiments needed to reach a conclusion. Progress reports are made and discussed with the faculty director. Can be repeated. **Prerequisite:** consent of instructor.

458. Topics: Chemistry

1-3 credits

460. Seminar in Chemistry

1 credit

A seminar which focuses on chemical literature and careers in chemistry and related fields. Students will conduct literature research and present their results in writing and orally to the students and faculty of the department. Discussion topics include literature usage, writing in chemistry, professional ethics and research honesty, career exploration, job searching, resumes, and interviewing. Students may propose relevant topics for discussion. **Junior or Senior standing required.**



A chemistry student preparing for a lab experiment.

COMMUNICATION AND THEATRE ARTS

Students of communication examine how humans create communities, whether in face-to-face interactions or through electronic media, in large organizations or as represented in theatrical performances. The courses combine both theoretical and practical work, providing a firm grounding in the basics during the introductory courses, and building to allow for individual creativity and application during the senior year. Graduates are able to articulate ideas and adapt them to a variety of audiences using appropriate media, and to critically assess the messages of others. Understanding the role of responsible communication in both spoken and written form, and appreciating the contributions of artistic performances, are crucial to developing as an educated person in our society.

The Communication and Theatre Arts department provides two major areas of study: Communication and Theatre Arts and Mass Communication. As valuable enhancements to almost any other major, the department oversees three minors: Communication, Mass Communication, and Theatre.

In addition to contributing to a solid liberal arts education, this major provides abilities crucial to any personal and professional success. Coursework in any aspect of communication is excellent preparation for a variety of career choices (including public relations, marketing, human relations, business administration, government, social services, education, community relations, journalism, and more, including advanced study in graduate or law school). By taking advantage of the many hands-on opportunities through the department, graduates with emphasis in mass communication or theatre are often competitive for immediate employment in those industries.

MAJOR IN COMMUNICATION & THEATRE ARTS (36 credits)

REQUIRED: 4 courses (12 credits)

- | | |
|-----------------------------------|---------------------|
| 110 Introduction to Communication | 114 Public Speaking |
| 353 Survey of Rhetorical Theory | 463 Senior Seminar |

Choose 3 credits from:

- 117 Intro to Mass Comm
- 118 Basic Audio
- 119 Basic Video

Choose 3 credits from:

- | | |
|----------------------|-----------------|
| 115 Intro to Theatre | 234 Oral Interp |
| 116 Acting | 335 Adv Acting |
| 225 Play Production | 336 Directing |

Choose 3 credits from:

- 222 Group Discussion
- 224 Interpers Comm
- 342 Intercult Comm
- 344 Organiz Comm

Choose 3 credits from:

- 232 Advanced Public Speaking
- 243 Persuasion
- 323 Argument & Debate
- 354 Political Comm

ELECTIVES: Any 12 credits from Communication & Theatre Arts.

90 Communication and Theatre Arts

MAJOR IN MASS COMMUNICATION (36 credits)

REQUIRED: 6 courses (18 credits)

117 Intro to Mass Comm	119 Basic Video Prod	357 Issues Mass Comm
118 Basic Audio Production	227 Brdcst Announcng	463 Senior Seminar

Choose 6 credits from:

115 Introduction to Theatre
116 Acting
222 Group Discussion
224 Interpersonal Communication
225 Play Production
232 Advanced Public Speaking
234 Oral Interpretation of Literature
243 Persuasion
336 Play Direction
344 Organizational Communication
352 Public Relations

Choose 9 credits from:

231 Sports Info & Reporting
237 Broadcast Journalism
339 Scriptwriting
347 Adv Audio Production
348 Adv Video Production
349 Broadcast Management
354 Political Communication
358 Media Law
359 Hollywood Workshop
461 Practicum in Comm
490 Internship in Comm

Choose 3 credits from:

107 Radio Laboratory 108 Television Laboratory

Note: Students who major in Communication & Theatre Arts may not minor in Mass Communication or Theatre. Students who major in Mass Communication may not minor in Communication or Theatre.

MINOR IN COMMUNICATION (18 credits)

REQUIRED: Two course (6 credits)

110 Introduction to Communication 114 Public Speaking

Choose 12 credits from:

115 Intro to Theatre	224 Interpersonal Comm	342 Intercultural Comm
116 Acting	232 Adv Public Speaking	344 Organizational Comm
117 Intro to Mass Comm	234 Oral Interp of Lit	352 Public Relations
118 Basic Audio Prod	243 Persuasion	353 Rhetorical Theory
119 Basic Video Prod	260, 360 Topics in Comm	354 Political Comm
222 Group Discussion	323 Argument & Debate	490 Internship in Comm

Note: No more than 3 of the 12 credits may be from 115 - 119.

MINOR IN THEATRE (18 credits)

REQUIRED: Three courses (9 credits)

115 Intro to Theatre 116 Acting 225 Play Production

Choose 9 credits from:

105 Theatre Lab	335 Adv Acting	ENG 122 Intro to Drama
234 Oral Interpt of Lit	336 Play Direction	ENG 350 Shakespeare

MINOR IN MASS COMMUNICATION (18 credits)

REQUIRED: Three courses (9 credits)

117 Intro to Mass Comm 118 Basic Audio Production 119 Basic Video Prod

Choose 9 credits from:

227 Broadcast Announcng	231 Sports Info & Reporting	237 Broadcast Journ
339 Scriptwriting	347 Adv Audio Production	348 Adv Video Prod
349 Broadcast Managemnt	354 Political Communication	358 Media Law
359 Hollywood Workshop	461 Practicum in Communication	490 Internship

COURSE DESCRIPTIONS

105. Theatre Laboratory **1 credit**
 Applied practice in theatre. Participation in all phases of theatre activity and performance. This course may be taken up to three times. **Prerequisite:** consent of instructor.

107. Radio Laboratory **1 credit**
 Applied practice in radio. Opportunity for work at WPUM-FM, the College radio station. This course may be taken up to three times. **Prerequisite:** consent of instructor.

108. Television Laboratory **1 credit**
 Applied practice in television production. Opportunity to work for WPUM-TV6, the College television studio. This course may be taken up to three times.
Prerequisite: consent of instructor.

110. Introduction to Communication **3 credits**
 This course will introduce the student to all facets of study within the communication discipline. Specifically, this course will survey various types of communication including intrapersonal, interpersonal, nonverbal, small group, intercultural, and cross-cultural communication, rhetoric, public speaking, mass communication, computer-mediated communication, and specialized areas such as health, family, and business communication. **Prerequisite for communication majors and minors.**

114. Public Speaking **3 credits**
 A study of the types and modes of public address. Practice in speech preparation and presentation. The student delivers between five and eight speeches during the semester.

115. Introduction to Theatre **3 credits**
 This course is designed to help students achieve a better appreciation of the theatre arts and to help them to understand better the role of the arts in society. Topics include the nature of art, the role of the playwright, director, actor, designers, and audience, major movements in theatre history and philosophy, and types and forms of drama.

92 Communication and Theatre Arts

116. Acting 3 credits

A basic course for the beginning actor. Emphasis placed on body movement, use of the voice, stage directions, characterization, dramatization, emotional recall and vocal interpretation of the play script. The student will present scenes and short acts in class for critical purposes. Opportunity for participation in College productions.

117. Introduction to Mass Communication (JRN 117) 3 credits

A study of the forms of communication involved in the mass media (print, radio, television and film). Basic theories of Message, Receiver, Channel, and Sender are applied in classroom exercises through oral reports, surveys and research. Required for Mass Communication majors and Journalism minors. **Prerequisite for Mass Communication 200-400 level classes.**

118. Basic Audio Production 3 credits

The study of contemporary audio production. The history of radio, programming and management, the nature of sound and radio, and operation of equipment will be studied. Practical projects include interviews, newscasts, music shows, commercials and public service announcements.

119. Basic Video Production 3 credits

A study of the theoretical and practical application of video production. Stress placed on performance, use of equipment, and directing techniques. Practical projects include interviews, newscasts and demonstrations. Opportunity for special interest available in final project.

220. Photojournalism (JRN 220) 3 credits

The use of cameras and films and the developing and printing of black and white photographs used in journalism. Planning, taking and editing news pictures; writing cutlines and captions; the technique of the picture story.

222. Group Discussion 3 credits

The content and methodology of participation and leadership in group problem-solving activities. **Prerequisite: Core 1.**

224. Interpersonal Communication 3 credits

The study of communication as a method and process of exchanging meaning on both the interpersonal and intrapersonal levels of information; the analysis and application of structured and unstructured systems of communications. **Prerequisite: Core 1.**

225. Play Production 3 credits

A study and application of the technical aspects of play production as they relate to the theatre. Practice in making a prompt book, stage lighting, scene design, set construction, and costuming. Participation in student productions is required. **Prerequisite: Core 1.**

227. Broadcast Announcing 3 credits

A broad-based examination of the physical and professional aspects of media announcing. General voice theory is addressed, as are a variety of specific announcing techniques, including radio and television announcing, reporting and anchoring, public

affairs announcing, and commercial announcing. Students are required to participate in lab exercises associated with the campus radio and television stations. **Prerequisite: COM 118 and 119.**

231. Sports Information and Reporting 3 credits

The study of the process of reporting and coverage of live sporting events, including delivery, writing and play-by-play. The role of sports information staff as gatekeepers of information and responsibility to the press is explained.

232. Advanced Public Speaking 3 credits

Application in composition and delivery of the principles underlying all forms of speech. Practice in speaking on subjects of current interest and the student's choice. **Prerequisite: Core 2.**

234. Oral Interpretation of Literature 3 credits

The development of the student's abilities in reading aloud through exercises in the analysis and communication of the logical content of the printed page. Special attention will be given to a study of literature, prose and poetry, as they affect the understanding and the performance of the oral interpreter. **Prerequisite: Core 2.**

237. Broadcast Journalism 3 credits

The study of journalism in the electronic media, with emphasis on broadcast news writing, coverage and editing, problems and potentials. Practical projects include news reports in both radio and television, and a project involving the class in a 30-min. television newscast. **Prerequisite: COM 118 and 119.**

238. Video Field Production 3 credits

This is a course focusing on the application of video production techniques to remote field production. Students study the decision-making process in determining location, camera placement, lighting, sound and environment for producing video outside the studio. Attention is paid to pre-production planning, storyboarding, production logs, post-production scheduling, and client relationships. Students will work with color video equipment and produce products using the single camera, film-style approach. **Prerequisite: COM 119.**

243. Persuasion 3 credits

Critical evaluation of the major principles and techniques of persuasion as they relate to public address and informal discussion. **Prerequisite: Core 2.**

255. Independent Study 1-3 credits

260. Topics in Communication and Theatre Arts 3 credits

This course is flexible in content with its focus determined by student and faculty interest, current trends, and departmental needs. Examples of possible topics include religious communication, film criticism, theatre history, etc.

94 Communication and Theatre Arts

323. Argumentation and Debate (POL 323) 3 credits

The study of argumentation techniques used in formal and content debating, preparation of the brief, strategy, use of evidence, affirmative and negative structure on current and national issues. **Prerequisite: Core 4.**

330. Journalism Ethics (JRN 330) 3 credits

A comprehensive study of legal and ethical considerations inherent to a free press in a free society. More than 200 case histories plus a series of guest speakers add depth and insight to a course that probes ethical codes and value systems in the mass news media. Special emphasis is given not only to how the press functions, but why it functions as it does.

335. Advanced Acting 3 credits

Advanced acting styles and techniques pertinent to the significant periods of the drama. Special attention is given to classical, medieval and Elizabethan modes of acting. **Prerequisite: COM 116 and Core 3.**

336. Play Direction 3 credits

Student apprenticeship in the direction of drama under staff supervision. **Prerequisite: COM 116 or 225 and Core 3.**

339. Scriptwriting 3 credits

Non-performing course focusing on writing scripts for radio, television, and film. Students will develop materials for directors, actors, announcers and technicians. Comedy, drama, commercial announcements and film scripts will be covered. Opportunity for self-expression in final project.

342. Intercultural Communication 3 credits

This course is based on the idea that a culture's communication reflects the beliefs, attitudes and values of that culture. The reverse is also true, that the communication influences the culture. "Culture" is defined broadly to include nationality, ethnic background, gender, age, and other groups. The course focuses on the communication between two or more people of different cultures, examining verbal and nonverbal codes, world view, belief-attitude-value structures, and perceived intention of the communicators. **Prerequisite: Core 4.**

344. Organizational Communication 3 credits

An overview of the process of communication within organizations. Specifically, attention will be given to the functional and cultural perspectives of organizational communication. Course content includes a discussion of informational flow, vertical and horizontal communication, linking pins, communication climate, systems theory, storytelling, and communication audits. Emphasis is placed on understanding the theoretical principles and applying them to common organizational situations. **Prerequisite: Core 2.**

347. Advanced Audio Production**3 credits**

There are two thrusts to this course: laboratory experience in advanced audio production techniques, and an examination of higher level issues and concepts associated with the radio industry. Production techniques covered include two-track audio production and editing, news production and editing, telephone-based production, and basic radio engineering. Among the issues and concepts discussed are contemporary topics addressed in trade publications, music research, ratings interpretation, programming trends, short-wave radio, propaganda, and the broadcaster's social responsibility. **Prerequisite: COM 118.**

348. Advanced Video Production**3 credits**

A production course dealing with advanced video production and directing techniques. Students' projects are based on advanced lighting principles, animated graphics and editing. Each student will work with state-of-the-art 3/4" electronic editing equipment. **Prerequisite: COM 119.**

349. Broadcast Management**3 credits**

This course is designed to teach students the basics of mass media administration. The course prepares students for an entry level position in media management. Students will become familiar with every facet of radio-television management, including the new technologies of cable, satellite and interactive communications. **Prerequisite: COM 118 and 119.**

352. Public Relations**3 credits**

This is an introductory course designed to provide an overview of the theoretical and practical foundations of public relations. Included is a discussion of organizational attitudes, public opinion, research, persuasive strategies, and image formation. In addition, students are exposed to the concepts of campaign construction, audience selection, media placement, and evaluation. A final project requires a synthesis of ideas into a comprehensive public relations campaign.

353. Survey of Rhetorical Theory**3 credits**

This course is a broad survey of rhetorical theory from the early Sophists to modern rhetoricians. Rhetorical theory will be examined and how it has been conceptualized and practiced throughout recorded time. **Prerequisite: Core 4 and COM 110.**

354. Political Communication**3 credits**

An examination of the role of the media in politics. The course considers the role of the print, film, radio, and telecommunications media on the political system and the interaction of the political actors with the media. **Prerequisite: Core 2.**

357. Issues in Mass Communication**3 credits**

A study of problems in contemporary broadcasting. The course focuses on televised sex and violence, broadcast journalism ethics, public broadcasting, and government regulation. Students will learn how to conduct and write original research involving one aspect of the course as a final project.

358. Media Law (JRN 358)

3 credits

Study of the legal issues concerning the media including: statutes and regulations governing press, broadcast and films; analysis of defamation, libel, contempt, privacy, copyright, legal rights and privileges of the mass media. **Prerequisite:** COM 117.

359. Hollywood Workshop

3 credits

The study of contemporary mass media in America. Students gain an inside look at the motion picture, television, and journalism industries by attending a one week "Media Workshops" Summer Seminar in Los Angeles, where they attend lectures, film screenings, television show tapings, and tour motion picture studios and production facilities. On campus students apply production principles by producing an original television program, which may include writing, promotions programming, and casting in addition to the actual production process. **Prerequisite:** consent of the instructor.

360. Topics in Communication

3 credits

461. Practicum in Communication

3 credits

Applied practice in radio, television, or theatre. Students working in radio or television participate in projects in the College radio and TV studios. Students working in theatre participate in stagecraft, production, or direction of theatre productions. **Prerequisite:** Core 8 and consent of instructor.

463. Senior Seminar

3 credits

A seminar for seniors who will graduate in the area of communication. Each senior will be required to undertake a project recommended and approved by the professor in whose area of concentration the student has majored. The project, which may take many forms, must demonstrate the student's mastery and expertise in the area of concentration. **Prerequisite:** Senior status, consent of instructor and Core 8.

490. Internship in Communication

3-9 credits

Available to qualified students. Participants will work in College-approved off-campus internship programs at radio stations, television studios, newspapers, theatres, etc. **Prerequisite:** Core 4 and consent of instructor.



Students filming a news broadcast.

COMPUTER SCIENCE

The discipline of computer science involves the study of algorithmic processes that describe and transform information, encompassing theory, analysis, design, efficiency, implementation, and application. The principle subject areas in computer science include algorithms and data structures, architecture, artificial intelligence and robotics, database and information retrieval, human-computer communication, numerical and symbolic computation, operating systems, programming languages, and software methodology and engineering.

The Department offers two major concentrations (Computer Science and Information Systems), two group majors (Mathematics/Computer Science, Management Information Systems), one Associate Degree (Business/Computer Science), and a minor in Computer Science. The programs are designed and regularly updated to develop the student's creative yet disciplined problem-solving abilities, to expose the student to current developments in the rapidly evolving field of computer science, and to develop understanding of the social and professional context of the field.

MAJOR IN COMPUTER SCIENCE (45 credits)

REQUIRED: 11 courses (33 credits)

CMP 111 & 112 Computer Science	CMP 336 Org of Prog Lang
CMP 221 Data Structures	CMP 344 Design & Analysis
CMP 222 Computer Architecture	CMP 343 Software Engineering
CMP 333 Operating Systems	MTH 122 Discrete Mathematics
CMP 334 Computer Comm & Networking	MTH 125 Calculus I

ELECTIVES: Any 9 credits in CMP from 110 and above and 3 additional credits from MTH 126 and above.

CONCENTRATION IN INFORMATION SYSTEMS (45 credits)

REQUIRED: 11 courses (33 credits)

CMP 111 & 112 Computer Science	CMP 334 Comp Comm & Networking
CMP 221 Data Structures	CMP 340 Information Systems
CMP 222 Computer Architecture	CMP 341 Database Concepts
CMP 231 Apps Programming	CMP 343 Software Engineering
CMP 333 Operating Systems	MTH 122 Discrete Mathematics

ELECTIVES: Any 6 credits in Math & 6 credits in Computer Science from CMP 110 and above (MTH 125 recommended).

NOTES: Students majoring in Computer Science and Information Systems are required to complete a project in Software Engineering. This project must be presented to the Computer Science faculty and accepted by the faculty prior to graduation.

The requirements for group majors in Management Information Systems and Mathematics-Computer Science are found under Business Administration and Mathematics respectively.

98 Computer Science

CMP 001 through 004 do not count toward a major, minor or group major in Computer Science.

In order to take a course with listed prerequisites, the student must have received a grade of C- or higher, or obtained the consent of the department.

ASSOCIATE OF SCIENCE DEGREE IN BUSINESS-COMPUTER SCIENCE (60 credits)

REQUIRED: 57 credits

CORE 1, 2, 3, 4

CMP 111 & 112 Computer Science I & II

CMP 222 Computer Architecture

CMP 221 Data Structures

CMP 231 Applications Programming

CMP 343 Software Engineering

MGT 101 Prin of Management

MKT 102 Prin of Marketing

ECN 120 Prin: Markets and Prices **OR**

ECN 210 Stats for Business & Econ

ACC 101 & 102 Prin of Accounting

MINOR IN COMPUTER SCIENCE (18 credits)

REQUIRED: 3 courses (9 credits)

111 & 112 Computer Science I & II

221 Data Structures

Choose: Any 3 courses (9 credits) from Computer Science from CMP 110 and above.

COURSE DESCRIPTIONS

001. Introduction to Computers

1 credit

This course provides an introduction to computer concepts and terminology as well as a brief overview of computer networks. Basic commands for DOS, Windows, and UNIX operating systems will be covered.

002. Introduction to Spreadsheet and Business Graphics

1 credit

This course will cover fundamental concepts in spreadsheet applications and business graphics. **Prerequisite: CMP 001 or consent of instructor.**

004. Introduction to Database Management and Data Communication

1 credit

This course will cover database management concepts for the end user, including topics in communication in a distributed environment. A database management system will be the primary software package. Data communication for the end user in a networked environment will be examined. **Prerequisite: CMP 001 or consent of instructor.**

110. Overview of Computer Science

1 credit

This course is designed to give the student a broad overview of the rich and diverse field of computer science. The following topics that may be covered in this class are: historical overview, programming, networks and communications, artificial intelligence and robotics, computer hardware, parallel processing, information systems, ergonomics, windowing environments, ethical issues, impact of computers on society, and careers within the discipline.

111. Computer Science I**3 credits**

This is an introduction to programming using one of the latest programming languages. Emphasis is placed on the development of programming skills: problem solving techniques, top down design methodology, structured programming, and testing and debugging of programs. Topics include computer system structure, the syntax of the language being studied, control structures, data types, procedures, functions, parameters, scope, arrays, strings, and records. Includes a weekly laboratory.

112. Computer Science II**3 credits**

This course builds upon CMP 111, refining programming skills in the area of design, development, testing, and debugging. Covered topics include the implementation of simple searching, sorting, and merging files, pointers and records, classes, simple data structures, and recursion. Emphasis will be on larger scale programming projects. Includes a weekly laboratory. **Prerequisite: CMP 111.**

221. Data Structures**3 credits**

This course covers data structures and algorithms. Topics covered include data structures, data abstraction and object-oriented design, and algorithm analysis. The design and implementation of lists, stacks, queues, trees, and graphs as well as searching, sorting, and merging algorithms are covered. Issues in memory and storage management are investigated. **Prerequisite: CMP 112.**

222. Computer Architecture**3 credits**

This course is intended to introduce students to topics at the hardware and assembly language levels. Topics include data representation, microprocessor design, simple digital circuits, busses and memory. The students will also be exposed to topics in assembly language such as addressing modes, microprocessor instruction sets, interrupts, and operation codes. **Prerequisite: CMP 112.**

226. Advanced Computer Applications**3 credits**

This course provides the student with the opportunity to apply computer software packages to appropriate projects. Software packages may include spreadsheets, graphics, database management, desktop publishing, communications and project management. The emphasis will be on applying the software packages to the management of information and problem solving in business. **Prerequisite: CMP 001, 002, 004 or CMP 111 or consent of instructor.**

231. Applications Programming**3 credits**

This course presents principles of business information systems programming. Emphasis on file-handling, including sequential and random access files, and database programming. **Prerequisite: CMP 112.**

237. Selected Computer Language**1-3 credits**

A computer language is studied in this course. A focus is on developing applications which make use of the paradigms supported by the language. **Prerequisite: CMP 111 and sophomore standing or consent of instructor.**

100 Computer Science

249. Computer Graphics

3 credits

Interactive computer graphics techniques, graphics primitives, transformations, segments, windowing, clipping, three-dimensional graphics. **Prerequisites: CMP 112 and MTH 125.**

255. Independent Study

1-3 credits

All proposals for independent study which are intended to count towards a major or minor in Computer Science must be approved by the instructor who must be a member of the Computer Science Department. In addition, the results of the study must be presented to the Computer Science Department. **Prerequisite: consent of instructor.**

333. Operating Systems

3 credits

This course examines the design and implementation of computer operating systems, which are the programs that act as resource managers in computer systems. Topics include fundamentals of processes and timesharing, primary and secondary storage management, input/output processing and user-machine interfacing.

Prerequisite: CMP 221.

334. Computer Communications and Networking

3 credits

This course will examine principles and practices used to effect communications between computers, hardware devices, and other computers. Included will be examination of ports, communications servers, serial, parallel, local area and wide-area networks, Ethernet, and the TCP/IP protocol. **Prerequisite: CMP 333.**

336. Organization of Programming Languages

3 credits

This is an applied course in programming language constructs emphasizing the run-time behavior of programs. Topics include data types and structures, control structures and data flow, subroutines, recursion, dynamic storage allocation, and formal language concepts. **Prerequisite: CMP 221.**

340. Information Systems

3 credits

This course provides background by defining and explaining technical, behavioral, economical, and organizational concepts relevant to information needs for decision making. The student is introduced to financial, technical, and strategic-planning information systems. The design, planning, organizing, and controlling of user services, and the management of systems are key elements of the course. **Prerequisite: CMP 111 and Junior standing.**

341. Database Concepts

3 credits

This course introduces logical and physical data structures, database design, design objectives, commercial database management systems, and database administration. Relational and object models are introduced along with such concepts as query languages, data dictionaries, and distributed networks. **Prerequisite: CMP 221.**

343. Software Engineering

3 credits

This course presents a formal approach to state-of-the-art techniques in software design and development. An integral part of the course is the involvement of students working in teams in the organization, management, and development of a large software project. **Prerequisites: CMP 221.**

344. Design and Analysis of Computer Algorithms**3 credits**

This course covers the theory, design, implementation, and analysis of algorithms in depth. Topics covered include methods of algorithm analysis and verification; algorithmic strategies such as divide and conquer, dynamic programming, and backtracking; complexity classes; sorting, searching, and pattern matching; graph and tree processing; optimization algorithms; theory of computability and undecidability; and parallel and distributed algorithms. **Prerequisite: CMP 221.**

349. Topics in Computer Science**3 credits**

This course investigates one or more current topics in the field of computer science. **Prerequisite: CMP 221 and Junior standing.**

390. Computer Science Internship**3-9 credits**

Students who qualify may be placed with a company according to availability of internship positions and college regulations. Consult the department chair for requirements.

439. Numerical Analysis (MTH 439)**3 credits**

This course develops algorithms involving iteration to approximate solutions to various kinds of problems. It studies finite differences, interpolating polynomials for numerical differentiation and integration, as well as the solution of equations and differential equations. The hand calculator and personal computer are the normal tools for this course. **Prerequisites: MTH 126 or consent of instructor.**



A student fixing a computer's hard drive.

CRIMINAL JUSTICE

The department of Sociology offers a major in criminal justice for those interested in pursuing careers in law enforcement, in prevention of crime, in rehabilitation of criminals and in criminal law. The program is essentially humanistic and based on the assumption that both individuals and institutions are responsible for their behavior. Two characteristics distinguish this approach: 1) it is scientific in studying phenomena; 2) it studies phenomena as human interaction.

Criminal Justice is an interdisciplinary field, so this program includes courses in a variety of disciplines: some designated as criminal justice, sociology, political science and psychology. This major is designed to prepare students for immediate employment or for continuing education on the graduate level. Employment as law enforcement officers, probation officers, practitioners in preventive or rehabilitative work, and the practice of law are careers which criminal justice majors might pursue.

MAJOR IN CRIMINAL JUSTICE (36 credits)

REQUIRED: 10 courses (30 credits)

PSY 110 Intro Psychology	SOC 223 Research Methods
SOC 111 Intro Sociology	CJ/SOC 332 Crime Prevention
CJ/SOC 113 Intro Criminal Justice	CJ/SOC 333 Corrections
CJ/SOC 117 Juvenile Justice	CJ/SOC 446 Criminal Law
CJ/SOC 220 Criminology	SOC 447 Law and Society

Choose 6 credits from:

SOC 227 Race and Ethnicity	BIO 218 Intro to Forensic Science
SOC 442 Urban Community	PSY 326 Theories of Counseling
SOC 302 Political Sociology	POL 404 Constitutional Law: Bill of Rights

MINOR IN CRIMINAL JUSTICE (18 credits)

REQUIRED: 4 courses (12 credits)

SOC 111 Intro to Sociology	CJ/SOC 113 Intro Criminal Justice
PSY 110 Intro to Psychology	CJ/SOC 220 Criminology

Choose 3 credits:

SOC 114 Social Problems	SOC 227 Race and Ethnicity
CJ/SOC 117 Juvenile Justice	SOC 302 Political Sociology
SOC/PSY 119 Marriage and Family	SOC 442 Urban Community
PSY 326 Theories of Counseling	

Choose 3 credits from:

CJ/SOC 332 Crime Prevention	POL 404 Const Law: Bill of Rights
CJ/SOC 333 Corrections	CJ/SOC 446 Criminal Law

COURSE DESCRIPTIONS**113. Introduction to Criminal Justice (SOC 113)****3 credits**

This course will offer students an overview of the entire field of criminal justice. Students are introduced to: elements of criminal law, profiles of offenders, profiles of victims of crime, the prevalence of crime, the enforcers of law, and the punishment of criminals. The course will also include information about the prevention of criminal activity.

117. Juvenile Justice (SOC 117)**3 credits**

This course involves a study of the juvenile justice system. Areas of focus include: types of offenders, the extent of the juvenile delinquency problem, historical developments in the handling of juvenile offenders, and the current structure, objectives, responsibilities, and functions of the juvenile justice system. **Prerequisite: CJ/SOC 113.**

220. Criminology (SOC 220)**3 credits**

Study of the factors that cause crime and criminal behavior, organization of criminal behavior, theories and practices of criminal control and rehabilitation. **Prerequisite: CJ/SOC 113.**

332. Crime Prevention (SOC 332)**3 credits**

This course will emphasize the prevention of criminal activity. This includes strategies to help prevent oneself from becoming a victim, and to protect one's property. Students learn about a variety of crime prevention programs used by police from all over the country. Special emphasis will focus on identifying problems, stopping criminal activity, and preventing future criminal activity. **Prerequisite: CJ/SOC 220.**

333. Corrections (SOC 333)**3 credits**

This course focuses on institutions of corrections, particularly jails and prisons. It will include the changing nature of institutions of incarceration, and current problems faced by wardens, guards, and inmates, and on the changing nature of the inmate population. Attention will also be given to alternatives to incarceration. **Prerequisite: CJ/SOC 220.**

446. Criminal Law (SOC 446)**3 credits**

Criminal law is the body of law defining crimes. Cases and statutes describing the essential elements of substantial criminal law will be analyzed. Crimes prohibited by Acts of Congress and triable in federal court as well as those prohibited under state law and triable in state courts will be among the topics studied. **Juniors/Seniors Only.**

ECONOMICS

One of the most widely useful majors in the undergraduate curriculum, economics is a popular discipline for many who pursue professional positions in business, government and education. It provides students with the kinds of reasoning, problem-solving and communications skills demanded both by employers and by graduate schools (in law and business as well as in economics).

Our majors first concentrate on economics principles and then are challenged to apply those principles as they examine a wide range of issues. The program offers students two tracks. The first, an *economic specialist track*, is designed for students choosing a traditional economics major, preparing for jobs in industry, government or education, or considering graduate studies in law or economics. The second is a *business analyst track* that incorporates courses from the Business Administration and is designed for students aiming for positions in business and financial markets and considering the MBA degree.

All economics majors wrap up their studies with a seminar in which they apply their academic experience to real world economic problems facing individuals, firms or communities. This seminar work lets students exercise reasoning and analytical skills they have developed in the program, as well as demonstrate those skills to faculty and, where appropriate, industry professionals.

MAJOR IN ECONOMICS (36 credits)

REQUIRED: 6 courses (18 credits)

- 120 Principles: Markets and Prices
- 121 Principles: Money and Income
- 210 Statistics for Business and Economics
- 220 Intermediate Price Analysis
- 221 Intermediate Income Analysis
- 450 Seminar in Applied Economics

Choose one of the following two tracks:

Economic Specialist Track (18 credits)

Choose 6 credits from Theory and History:

- 335 Money and Banking
- 337 Great Ideas in Economics
- 435 Comparative Economic Systems

Choose 6 credits from Specialized Areas:

- 312 International Finance
- 436 Public Finance
- 437 Labor Economics

Choose 6 additional credits from within economics (this may include ECN 110 – The Economic Way of Thinking). MTH 126 – Calculus II may also count as a 3-credit elective. Students considering graduate studies in economics or business are encouraged to complete Calculus II.*

Business Analyst Track (18 credits)

Choose 9 credits from the following electives in economics:

- 335 Money and Banking
- 312 International Finance
- 435 Comparative Economic Systems
- 437 Labor Economics

Choose 9 credits from the following Business Administration courses:

- ACC 102 Principles of Accounting II*
- FIN 211 Investments
- FIN 411 Financial Statement Analysis
- MGT 311 Production/Operations Management
- MKT 411 Marketing Research

MINOR IN ECONOMICS (18 credits)

REQUIRED: 2 courses (6 credits)

- 120 Principles: Markets and Prices
- 121 Principles: Money and Income

ELECTIVES: Any additional 12 credits in economics.

**NOTE: ACC 102 – Principles of Accounting II and MTH 126 – Calculus II both have prerequisites.*

COURSE DESCRIPTIONS**110. The Economic Way of Thinking 3 credits**

An introduction to economics, this course explores a number of historical and current questions from the perspective of an economic way of thinking. The questions include: Why do some economies grow and others do not? Is America number one? Are wars good for economies? Why are frivolous diamonds more expensive than life-sustaining water? Why is parking a universal problem on college campuses?

120. Principles: Markets and Prices 3 credits

This principles of microeconomics course is an overview of the principles and problems associated with production, exchange and consumption of goods and services in market environments.

121. Principles: Money and Income 3 credits

This principles of macroeconomics course is an overview of the principles and problems associated with national income, employment, national economic growth, and international trade.

210. Statistics for Business and Economics 3 credits

An introduction to applied statistics for use in business and economic analysis. The course focuses on collection and organization of data; descriptive statistics; probability and decision-making; sampling, estimation and hypothesis testing; linear regression and correlation; and basic time series analysis.

220. Intermediate Price Analysis**3 credits**

An analytical study of the theory of price – of how price is determined in competitive and noncompetitive situations – and of how the theory holds up when used to examine business and economic problems. This includes a study of individual and firm behavior, of market structures, and of the analytical tools economists use to approach microeconomic issues. **Prerequisite:** ECN 120.

221. Intermediate Income Analysis**3 credits**

An analytical study of how national income is measured and determined. This includes a review of important historical and recent developments in fiscal and monetary policy schools of thought. It also emphasizes analysis of intended and unintended consequences of government policy. **Prerequisite:** ECN 121.

312. International Finance (FIN 312, POL 312)**3 credits**

An introduction to international trade and international financial markets. The trade component covers comparative advantage, tariffs, and the benefits and costs of increasingly open global trade. The markets component covers topics on balance of payments, foreign currency markets, hedging with forwards, futures and options, and special considerations for businesses conducting international trade.

335. Money and Banking**3 credits**

An introduction to the characteristics and tools of the US Federal Reserve system, its influence on financial markets, institutions and instruments, and its impact on prices and economic output.

337. Great Ideas in Economics**3 credits**

A survey of major economic thinkers and the ideas that shaped economic theory and policy.

435. Comparative Economic Systems**3 credits**

A comparison of the defining characteristics of capitalism and socialism, with the aim of better understanding the mixed economies of major industrialized and developing nations. The course includes a survey of important economies in Europe, Asia, and Latin America, as well as special attention to the debate over the efficiency of capitalist and socialist systems in promoting economic growth and in improving living standards.

436. Public Finance**3 credits**

A study of the principles and problems associated with government finance and its impact on individuals' and firms' incentives and behavior. This includes an analysis of government revenues and expenditures, and policies concerning government budgets, taxes, debt, subsidies, and transfer programs.

437. Labor Economics**3 credits**

A study of the markets and institutions that influence the distribution and utilization of human resources and the levels of wages, salaries and other methods of compensation. This includes a number of special factors, such as labor unions and collective bargaining, political trends, employment legislation, and education.

450. Seminar in Applied Economics**3 credits**

The capstone course for economics majors, this seminar provides students with an opportunity to research and analyze economic problems facing individuals, firms or communities. The results of this work will be presented in a formal report and presentation to faculty and, when appropriate, to industry professionals. Economics majors will also use the seminar to complete their resumes and further investigate career opportunities. **Prerequisite: ECN 220 and 221 and approval of the economics faculty.**

452. Special Topics in Economics**3 credits**

This course is offered as needed in order to cover special topics or issues not sufficiently covered in other courses. Faculty may periodically initiate the course, but students should feel free to suggest topic ideas, too.

455. Independent Study in Economics**1-3 credits**

For students, as approved by faculty, who wish to pursue independent research, analysis and writing on a special topic or issue in economics. A major research paper, or economic analysis report, is required.

490. Internship in Economics**3-9 credits**

Students are encouraged to obtain formal internships in economics, finance or business-related firms or organizations as an important step toward better understanding applications of economics principles and analysis. When appropriately structured, this work may earn academic credit during fall or winter semesters or during summer breaks. Internship credit will usually count toward overall graduation requirements as general electives or, when appropriate, as elective credits in the Economics Specialist track requirements. *All internship credit must be approved in advance by the economics faculty, and students must register for credit prior to beginning the internship.*



A professor taking the day's lesson outside.

EDUCATION

All education programs have been approved by the state of Indiana, the Indiana Professional Standards Board (IPSB) and the National Council for the Accreditation of Teacher Education (NCATE). The Education Department offers programs which lead to licensure in preschool, kindergarten, elementary, middle, and high school settings. Areas and requirements are listed below. Please consult the Teacher Education Program Handbook for complete information on requirements and policies. All candidates are required to pass state-mandated basic skills exams prior to formal entrance to the Teacher Education Program, and pass the specialty area exams prior to Student Teaching.

Licenses (Generalist level) available under the Elementary Education major:

- Early Childhood Generalist (preschool emphasis)
- Early Childhood Generalist (primary grades K-3)
- Early Childhood/Middle Childhood Generalist (grades K-6)
- Middle Childhood Generalist (intermediate grades 3-6)
- Early Adolescence Generalist (middle school/junior high)
- Language Arts, Mathematics, Social Studies, Science

Licenses (Specific Content) available under the Education minor:

- Early Adolescence/Young Adulthood (middle/junior high/high school)
- Language Arts
- Mathematics
- Science (Life Sciences, Physical Sciences, Earth/Space Sciences)
- Social Studies (Economics, Geography, Government, History, Psychology, Sociology)

All Level

- Fine Arts (Vocal & General Music, Instrumental & General Music, Theatre Arts)
- Health/Physical Education
- Visual Arts

MAJOR IN ELEMENTARY EDUCATION (68 credits)

(Generalist level licenses and Exceptional Needs)

REQUIRED: 16 courses (68 credits)

- | | |
|---|-----------------------------------|
| EDC 111 Human Devel & Except Needs | PE 224 First Aid |
| EDC 121 Literacy in Learning Environments | NUR 408 Comm/Family Health Theory |
| EDC 211 Interdisciplinary Inquiry | ART 248 Elem Art Curr & Method |
| EDC 221 Instructional Strategies | MUS 172 Music for Elem Teachers |
| EDC 311 Measurement Theory & Assessmnt | MTH 006 Methods of Teaching Math |
| EDC 322 Curriculum Theory | MTH 005 Comp Based Tching Method |
| EDC 411 Student Teaching | EDC 370 Science Methods |
| EDC 421 Reflection & Professional Devel | EDC 422 Community of Teachers |

REQUIRED:

- 18 credit minor to be selected from a department outside education, excluding the Early Childhood minor under Psychology
- 2.750 cumulative GPA prior to official acceptance into Teacher Education Program, prior to Student Teaching, and as a graduation requirement

MINOR IN EDUCATION (30 credits)

(Specific Content licenses)

REQUIRED: 6 courses (30 credits)

EDC 111 Human Devel & Exceptional Needs	EDC 221 Instructnl Strategies
EDC 311 Measurement Theory & Assessment	EDC 322 Curriculum Theory
EDC 421 Reflection & Professional Development	EDC 411 Student Teaching

REQUIRED:

- Major in a department other than education
- 2.750 cumulative GPA prior to official acceptance into Teacher Education Program, prior to Student Teaching, and as a graduation requirement

COURSE DESCRIPTIONS

Each education course except Science Methods has a required developmental level discussion session and field experience component. Discussion section and field placement will depend on license or license combination sought.

Professional Field Experience will be structured, intensive weekly experience in public and private school settings.

111. Human Development and Exceptional Needs 3-5 credits

Cognitive, physical, social, emotional, and moral development prenatal through adolescence with emphasis on major theorists and the relationship of human development to educational issues and practice. Introduction to working with diverse population, technology, and development of reading skills. Introductory emphasis on professional development and positive dispositions. Includes Professional Field Experience.

121. Literacy in Learning Environments 6 credits

Analysis and structure of lessons, classrooms, schools, communities, and technology on individual and group performance in diverse populations. Introduction to balanced reading theory and practice. Required planning and implementation of individual and group lessons focusing on reading instruction. Includes Professional Field Experience.

211. Interdisciplinary Inquiry 4 credits

Analysis and application of the theory of multiple intelligence in various technological and communication modalities. Particular attention will center on populations of exceptional and diverse needs. Continued emphasis in professional development and positive dispositions. Students will plan, implement, and assess an interdisciplinary thematic unit plan including at least three communication modalities. Includes Professional Field Experience.

221. Instructional Strategies 4 credits

Synthesis and implementation of various motivation and management techniques in diverse settings. Continued emphasis on professional development and positive dispositions. Pre-service teachers must show evidence of instructional technology use and at least two other instructional strategies. Pre-service teachers will also develop a management plan. Includes Professional Field Experience.

255. Independent Study**1-3 credits****311. Measurement Theory and Assessment****4-6 credits**

Development of individual and group curricula in conjunction with analysis of formative and summative assessment including authentic assessment, standardized testing, and special needs. Introduction to statistical methods in relation to educational settings. Increased emphasis on professional development and positive dispositions. Includes Professional Field Experience. Must show evidence of informal assessment, planning based on assessment, planning based on Individualized Education Plan (IEP), and assistance in state standardized testing.

322. Curriculum Theory**4-6 credits**

Examination and implementation of theories of curriculum and assessment, course design, professional standards, and action research including technology, special needs, and reading. Increased emphasis on professional development and positive dispositions. Includes Professional Field Experience implementing curriculum theory and conducting action research.

370. Methods in Science for Elementary Teachers**2 credits**

Techniques and methods of teaching elementary science to diverse students are developed. Curriculum development, laboratory methodology, individual and group assessment, computer-assisted instruction are emphasized.

411. Student Teaching**12 credits**

The professional laboratory experiences are designed to give prospective candidates an opportunity to practice their knowledge, skills, and dispositions in actual school settings. Student Teaching is in one of seven local school corporations contiguous to the campus.

421. Reflections and Professional Development**3 credits**

This seminar is a synthesis and assessment of student teaching, development of professional portfolio, and integration of theory, philosophy and practice. Special emphasis will be placed on demonstrating and improving professional practice.

422. Community of Teachers**3 credits**

This course provides experienced seniors the opportunity to mentor and guide the professional development of undergraduates. Seniors will be actively involved assisting in working portfolio development and field performance assessment.

450. Transition to Teaching Internship**6 credits**

This internship is the capstone experience for qualified students in the Transition-to-Teaching program. The Teacher Education Committee determines eligibility and entrance. The full-semester field experience takes place in one of seven local school corporations.

ENGLISH

Majors in English literature include those who envision a career in teaching, either at the high school level or at the college level after graduate school; those who want to work in fields demanding skill in writing communication (advertising, public relations, law, journalism and the other media). Equipped with strong analytical and communication skills, students of English are very well prepared for teaching, graduate work in the humanities, law, and business, and professional work in publishing, business, and media.

Majors in English-Creative Writing include those who wish seriously to pursue careers in creative writing, as well as those who intend to work in such fields as journalism or other media, and those who want writing to be a part of their lives.

Since only about two-thirds of college graduates, within ten years of graduation, are in fields related directly to their majors, it may be worthwhile to consider the study of English as one that can keep a person flexible enough intellectually to bend with the pressures of an uncertain future. No matter what our line of work, we always will need people who can communicate.

We strongly urge our students to study another language, not only for the enrichment of one's own intellect, but for insights into the nature of language that an English major should be aware of within the depth of his or her professional life.

MAJOR IN ENGLISH-CREATIVE WRITING (36 credits)

REQUIRED: 6 courses (18 credits)

COM 117 Intro to Mass Communication	ENG 222 Creative Writing-Poetry
ENG 224 Creative Writing-Playwriting	ENG 223 Creative Writing-Feature
ENG 221 Creative Writing-Fiction	ENG 230 Grammar & Expression

Choose 6 credits from:

120 Intro to Poetry	121 Intro to Fiction	122 Intro to Drama
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ELECTIVES: Any 12 credits from English numbered 320 and above.

MAJOR IN ENGLISH LITERATURE (36 credits)

REQUIRED: 1 course (3 credits)

420 Literary Criticism

Choose 6 credits from:

320 Medieval & Renaissance	330 The Age of Ideology & Revolution
321 Restoration & Eighteenth Cent	331 The Gilded Age
322 The Nineteenth Century	332 The Modern Age
323 The Twentieth Century	333 Contemporaries

Choose 6 credits from:

Choose 6 credits from:

120 Intro to Poetry	121 Intro to Fiction	122 Intro to Drama
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ELECTIVES: Any 15 credits from English courses numbered 221 and above, but no more than 6 credits from Creative Writing (221, 222, 223, 224).

112 English

MAJOR IN ENGLISH LITERATURE with Education minor (36 credits)

Same requirements as the English Literature major, except substitute 15 credits of English electives as follows:

REQUIRED: 5 courses (15 credits)

230 Grammar and Expression 333 Amer Lit-Contemporaries 350 Shakespeare

3 additional credits in British Literature 320-323

3 additional credits in American Literature 330-332

MINOR IN ENGLISH (18 credits)

Choose 6 credits from:

120 Intro to Poetry

121 Intro to Fiction

122 Intro to Drama

ELECTIVES: Any 12 credits from English, but no more than 6 credits from Creative Writing (221, 222, 223, 224).

COURSE DESCRIPTIONS

100. A Basic Course in Written Composition

3 credits

Classroom instruction will emphasize clarity, organization, thoroughness of development, as well as grammar, spelling and punctuation in writing many short papers.

120. An Introduction to Poetry

3 credits

Extensive analytical reading of wide variety of poetic forms to promote appreciation of diction, motifs, metrics, forms, types, and structures, and also to learn the pertinent nomenclature.

121. An Introduction to Fiction

3 credits

A study of such narrative techniques as plot development, characterization and point-of-view in fiction and related narrative modes. The course deals largely with the short story and is modern in its emphasis.

122. An Introduction to Drama

3 credits

A course in such essentials of dramatic literature as plot, character, diction, and theme. This course traces the development of Western civilization's drama including movements of modern drama such as realism, naturalism, expressionism.

221. Creative Writing-Fiction

3 credits

A creative writing workshop in which students will write in a variety of fictional forms, critique each other's work, and read and discuss representative works by contemporary writers.

222. Creative Writing-Poetry

3 credits

A writing course in which the students will learn to recognize and employ a wide variety of poetic forms and techniques. Students will be required to read, analyze, and write a variety of poems.

223. Creative Writing-Feature Writing (JRN 223)**3 credits**

A writing course in which students read and write a variety of newspaper and magazine feature articles. Students will learn how to select markets for free lance feature articles and how to prepare manuscripts for submission to prospective publishers.

224. Creative Writing-Playwriting**3 credits**

A course providing the student with an opportunity to write in the dramatic mode. Work will be in developing characters needed for exposing a plot, working out a theme through this plot, using diction that fits the actual human ear and breathing capability (phrasing).

230. Grammar and Expression**3 credits**

A study of the nature of language that underlies the range of stylistic choices of expression in a variety of literary genres. Students will be expected to recognize basic sentence structures and the transformation of basic structures designed to achieve rhetorically and stylistically more effective writing. Students will be required to analyze as well as to write a variety of kinds of prose.

231. Advanced Writing**3 credits**

Advanced study of the major forms of writing: expository, persuasive, expressive, and creative.

320-323. Periods of British Literature**3 credits each**

These period courses emphasize the major historical and literary movements of the time. At least one period course will be offered each year. The periods are:

- 320. **Medieval and Renaissance.** Readings in works from the Anglo-Saxon period through the Renaissance. Included for consideration are such works as *Beowulf* and *The Canterbury Tales* as well as the writings of Spenser, Shakespeare, Jonson, and Milton.
- 321. **Restoration and Eighteenth Century.** A course studying English literature and culture from 1660 to the early 1800s. Readings from writers such as Behn, Dryden, Swift, Johnson and Edgeworth.
- 322. **Nineteenth Century.** Readings from major authors of the Romantic and Victorian periods of English literature, including Wordsworth, Shelley, Keats, Austen, Tennyson, Hopkins, Bronte, Dickens, and Hardy
- 323. **The Twentieth Century.** Readings of English, Irish, Anglophone writers of the last century. Included for consideration are poetry from Hardy to Heaney, drama from Shaw to Friel, fiction from Joyce to Woolf to Rushdie.

330-333. American Literature**3 credits each**

A four semester survey of major writers in America. The four semesters are grouped in the following chronological sequence:

- 330. **The Age of Ideology and Revolution to 1850.** Readings of the major writers in America from Bradford to Melville. Included for study are such writers as Franklin, Irving, Hawthorne, Emerson and Thoreau.

331. **The Gilded Age, 1850-1920.** Readings of the major writers in America from Whitman to Dreiser. Included for study are such writers as Dickinson, Twain, James, Crane, Chopin and DuBois.
332. **The Modern Age, 1920-1950.** Readings of the major writers in America from Robinson to Wright. Included for study are such writers as Fitzgerald, Hemingway, Porter, Williams, Cummings, Hughes, Dos Passos and Faulkner.
333. **Contemporaries, 1950 to present.** Readings of the major writers in America today. Included for study are such writers as McCarthy, Morrison, Carver, Tyler, and poets who seem to be particularly influential at the time the course is offered.

340. The Novel **3 credits**

A study of the novel as a major literary form which cuts through national boundaries. The course will include novelists of the professor's choice such as Austen, Flaubert, Dostoyevsky, Joyce, Waugh and Kundera.

350. Shakespeare **3 credits**

Reading in the Shakespearean corpus of tragedies and comedies. The sonnets are also included in the course, which emphasizes written critiques of the drama and poetry.

358. Major Writers **3 credits**

A course of study in the major works of a significant world writer or groups of writers. In the past writers such as Chaucer, Milton, Dickens, O'Neill, Frost, Eliot, Mann, and Hardy have been given special study.

359. Special Studies in Literature **3 credits**

A course of study in a major literary topic. Some of the courses offered in the past have included Existentialism, Modern Poetry, The Russian Novel, Mythology in Literature, American Drama, African-American Literature, the Harlem Renaissance, American Radicalism, Philosophy and Tragedy, and Post-Colonial Literature.

390. Internship **3-9 credits**

Available to qualified students with department approval and a minimum GPA of 3.000. Participants will work in College-approved off-campus intern programs in publishing or editorial fields.

420. Literary Criticism **3 credits**

A study of the nature, basic values, and techniques of literature as theorized by various critics from Plato to Derrida. Insight into principles, criteria, and method is deepened through selected readings.

425. History of the English Language **3 credits**

A study of the historical patterns necessary for understanding the English language in its growth and development from Old English through Middle English, Phonetics and linguistic change in meaning and the value of words, and into usage in Modern English are emphasized.

455. Independent Study **1-3 credits**

ENVIRONMENTAL SCIENCE

Environmental Science is a dynamic, rapidly changing field of vital concern to all. Because our Earth is finite and becoming more populated, environmental degradation and resource use are grave concerns. Environmental Science courses at Saint Joseph's College are designed to give students an understanding of the scientific principles and technical skills necessary to meet the environmental challenges of the coming decades. A group major allows students to gain a broad background in biology and geology as well as other natural and physical sciences. The Environmental Science major includes a significant emphasis on field projects and problem-solving skills in preparation for a career in this diverse field.

GROUP MAJOR IN ENVIRONMENTAL SCIENCE (62 credits)

REQUIRED: 54 credits from ENV, BIO, GEO, CHM or PHY that must include:

BIO 111 & 112 General Biology	ENV/GEO 111 Environmental Geology
ENV/BIO 233 Ecology	ENV 128 Intro Environmental Studies
ENV/BIO 339 Population Biology	ENV 246 Envrnmntl Research Methods
	ENV 479 Environmental Systems

CHM 121 & 122 Gen Chemistry **OR** CHM 111 Intro Chemistry

MINIMUM of 3 credits of research, internship or independent study

17-20 CREDITS of electives or additional research from ENV, BIO, GEO, CHM or PHY that must include a minimum of 6 credits of ENV courses.

Choose 8 credits from:

PSY 225 Statistics	CMP 001 Intro to Computers
MTH 125 Calculus I	CMP 002 Intro to Spreadsheet
MTH 341 Probability	CMP 004 Intro to Database Mgt
MTH 342 Statistics	CMP 111 Computer Science I
MTH 244 Linear Algebra	CMP 112 Computer Science II

Students majoring in Environmental Science may elect to concentrate in one of the following area:

Conservation Biology: In addition to the requirements for the group-major, students select 12 credits from the following BIO course: 225, 231, 232, 234, 236, 323, 335, 337, or 346.

Environmental Geology: In addition to the requirements for the group-major, student take GEO 112 and 233; select 6 credits from GEO/ENV 226, 337, or 348; and select 6 credits from GEO 235, 239, or 335.

Environmental Chemistry: In addition to the requirements for the group-major students take CHM 121-122 and 246; select 6 credits from CHM 233, 367, or 440; and select 3 additional credits of CHM.

Earth/Space Science Education: The Environmental Science group-major coupled with a minor in education can lead to a double license to teach Earth/Space Science and either Life Science (biology) or Physical Science (chemistry & physics) at the middle school, junior high and high school levels. This program of study, coupled with Core 5, covers all four areas (Energy in the Earth System, Geochemical Cycles, Origin and

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Evolution of the Earth System, Origin and Evolution of the Earth) required by the state of Indiana for a license to teach Earth/Space Science.

The minimum requirements for a teaching license in Earth/Space Science is a major and minor, or a group major, in the Natural Sciences Division, plus an education minor, with the following distribution of courses:

REQUIRED: 21 credits of Geology that must include GEO/ENV 111, GEO 112, and GEO 233; 6 credits from GEO/ENV 226, 337, 348, or GEO 125; and 6 credits from GEO 235, 239, or 335. Note that this is sufficient to also fulfill a Geology minor, or can be satisfied by an Environmental Science group major.

MINOR IN ENVIRONMENTAL SCIENCE (18 credits)

Choose 6 credits from:

ENV/GEO 111 Environmental Geology

BIO 111 General Biology I

ENV 128 Environmental Studies

ELECTIVES: 12 credits of ENV courses which may include up to 4 credits from BIO, CHM, GEO or PHY courses if BIO 111 not selected above.

COURSE DESCRIPTIONS

111. Environmental Geology (GEO 111)

3 credits

This course is a survey of physical geology from the perspective of human interaction with the environment. Topics covered in the two credits of weekly lectures include: Plate Tectonics, volcanoes, earthquakes, and mountain building, the rock cycle, weathering and erosion, mass wasting, stream landscapes and flooding, wind processes, shoreline erosion and deposition. The weekly two-hour laboratory includes the study of typical rocks and minerals, topographic maps and survey systems, and an introduction to aerial photographic interpretation.

128. Introduction to Environmental Studies

3 credits

This is a required course for the environmental science major. It seeks to give the student a broad overview of this multi-disciplinary subject. Topics covered include, but are not limited to: economics, politics, and ethical responsibility toward the environment, ecology, population issues, geological processes and resources, human impact on the environment. It prepares the student to take further courses in the major, and provides sufficient coverage to prepare an education major for teaching units dealing with environmental concerns. An integral part of the course is an independent literature search culminating in a short oral presentation given by each student near the end of the semester.

132. Geography of Economic Resources (GEO 132)

3 credits

A study of the principle economic and commercial regions of the Earth. Emphasis is placed on agriculture, water resources, manufacturing, and extractive (mining) centers. The environmental impacts of resource use are given special consideration. **Prerequisite:** ENV/GEO 111 is desirable, but not required.

226. Atmosphere, Climate and Weather (GEO 226)**3 credits**

An introduction to meteorology with emphasis on the vertical structure of the atmosphere, clouds, air circulation, and various atmospheric and weather processes, including severe weather.

233. Ecology (BIO 233)**3 credits**

The study of organisms in relation to their environments with emphasis upon interrelationships among physical factors (light, temperature, and moisture), biogeo-chemical cycles, and biotic factors (trophic relationships, population dynamics, and interactions between species). **Prerequisite: BIO 111.**

246. Environmental Research Methods**3 credits**

Basic environmental field methods will be examined and applied during this course. Field sampling and analysis of various environmental media such as water, soil, air, refuse, sediment, waste, etc. will be undertaken in the context of environmental program implementation. Environmental field methods are foundational to virtually all aspects of environmental investigations and problems-solving. This course will also be an introduction to library search techniques, information retrieval systems, and scientific writing. **Prerequisite: ENV/GEO 111 and ENV 128, or consent of instructor.**

247. Environmental Law, Politics, and Regulations**3 credits**

Complex laws and regulations governing environmental conditions are greatly influenced by politics. This course looks into the law-making process, the workings of regulation-writing agencies such as the Environmental Protection Agency, and views many examples of the effects of existing environmental regulations as they effect virtually all of society. An overview of the major environmental laws and regulations in force today is presented. **Prerequisites: ENV 128 or consent of instructor.**

250. Amphibian Population Research (BIO 250)**1 credit**

Students participate in an ongoing amphibian population monitoring program to determine the distribution and abundance of frogs, toads and salamanders living in Jasper County, IN and nearby areas. Students will learn in class how to identify all local species' breeding call, indices of relative abundance, and how to use topographic mapping techniques. Students are responsible to keep and submit a data file including habitat, weather, time and date of survey, and data on the relative abundance of amphibians in an assigned area of study. This course may be repeated up to three times. **Prerequisite: BIO 111.**

255. Independent Study**1-3 credits****337. Maps, Air Photos and Remote Sensing (GEO 337)****3 credits**

The basic elements of map-making, map reading, aerial photo interpretation, and remote sensing techniques are examined in this laboratory-based course. The importance of maps, air photos and remote sensing, as well as introductory GIS techniques are crucial to the success of environmental and geology students who work in these fields. **Prerequisite: ENV/GEO 111 or consent of instructor.**

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339. Population Biology (BIO 339)

2 credits

This course will focus on population growth, interactions of populations community structure, metapopulation dynamics, and landscape ecology and their implications for conservation biology and wildlife management. A project on the methods for the experimental design of ecology and environmental studies is included. **Prerequisite:** BIO 111. **Recommended Prerequisite:** BIO 112 or BIO/ENV 233.

348. Hydrology (GEO 348)

3 credits

A knowledge of surface- and ground-water processes are crucial in the evaluation of most environmental and geological problems. This course explores hydrologic topics such as stream flow, rainfall, surface water runoff, ground water supply, and water quality. The course focuses on applying hydrologic principles to the solutions of environmental pollution, geologic, and resource problems. **Prerequisite:** GEO 111 or consent of instructor; ENV 128 recommended.

355. Junior Environmental Research

1-3 credits

455. Senior Environmental Research

1-3 credits

479. Environmental Systems

3 credits

This course is conducted as a seminar with faculty from Biology and Geology Departments sharing in the exploration of specific topics. It is intended to provide the student with current information on trends and research in the Environmental Science field. Further, the causes and cures of environmental damage will be explored through field projects, guest speakers and student presentations.



Students gathering in the Rev. Charles Banet, C.P.P.S. Core Education Center Foyer.

FOREIGN LANGUAGES

Foreign Language courses are designed to fulfill these general aims: 1) to provide the student with a basic knowledge of modern language; 2) to offer through the study of language an insight into and an appreciation of the literature and culture of other peoples. The study of foreign language provides the student with the basic skills in a language-namely, the ability to read, write and speak modern languages in preparation for entrance into graduate school or the teaching profession.

MINOR IN FRENCH, GERMAN, SPANISH (18 credits)

ELECTIVES: Any 18 credits from one language. (Six credits of introductory level may be waived based on high school background. Twelve credits must be above 111 & 112.)

COURSE DESCRIPTIONS

FRENCH

111-112. Elementary French 6 credits

This introductory course insists on pronunciation, vocabulary building, free conversation, and structural analysis. Development in speaking, writing, and reading is encouraged by emphasis on aural comprehension and free conversation. Dialogue between students is carried on in class.

221-222. Intermediate French 6 credits

The thorough presentation of grammar is aimed at increasing the student's ability to understand and speak French. Modern prose readings from select literary works are done, with discussion in French. Application of grammatical usage is made in classroom dialogues. Training in oral and written expression is intensive. **Prerequisite:** FRN 111, 112.

249. French Civilization 3 credits

This course deals with French religion, philosophy, history, literature, art, and music. Knowledge of the French language is required. **Prerequisite:** FRN 222.

331-332. Advanced Composition and Conversation 6 credits

Correct, idiomatic and effective writing and speaking in French. Written and oral communication pertinent to commercial situations will be emphasized. The class is conducted primarily in French. **Prerequisite:** FRN 222 or equivalent.

335. French Literature I 3 credits

A survey of seventeenth and eighteenth century French literature, to be read in French. **Prerequisite:** FRN 222 or equivalent.

336. French Literature II 3 credits

A survey of nineteenth and 20th century French literature, to be read in French. **Prerequisite:** FRN 222 or equivalent.

455. Independent Study 1-3 credits

120 Foreign Languages

GERMAN

111-112. Introductory German

6 credits

Exercises in pronunciation, essentials of grammar, and functional vocabulary. Intensive reading from graded texts.

221-222. Intermediate German

6 credits

Review of grammar. Practice in reading and writing. Required selections from modern works in the narrative, dramatic, and scientific styles. **Prerequisite:** GER 112/221.

226. Scientific German

3 credits

An intensive reading for students majoring in science. This course may be substituted for German 222.

331. Advanced Composition

3 credits

Correct, idiomatic and effective writing in German. Translations are assigned, as well as topics for individual creative writing. **Prerequisite:** GER 222.

332. Advanced Conversation

3 credits

Systematic and intensive German oral practice. Topics are assigned for individual presentation and group discussion. The class is conducted in German and audiovisual aids are used to perfect pronunciation. **Prerequisite:** GER 222.

333. German Civilization

3 credits

A survey of the history and culture of the German speaking countries in Europe from the beginnings to the present. **Prerequisite:** GER 222.

334. German Literature

3 credits

A survey of German literature with selections from classical and contemporary German literature to be read in German. **Prerequisite:** GER 222.

455. Independent Study

1-3 credits

SPANISH

111-112. Introductory Spanish

6 credits

Drill in the basic grammatical rules. Simultaneous development of the four ends of language study: reading, aural comprehension, writing and speaking.

221-222. Intermediate Spanish

6 credits

Review of basic grammatical forms, plus advanced grammar and idiomatic usage. Reading of selected texts and written reports are required. **Prerequisite:** SPN 112/221.

231. Spanish and Spanish-American Civilization and Culture 3 credits

Readings and discussions of the history, civilizations, and art of the various Spanish-speaking countries of the world. Must be proficient in reading, writing, and speaking Spanish. **Prerequisite:** SPN 222.

232. Advanced Composition and Conversation 3 credits

A major concentration in the practical application of business while reinforcing spoken and written expression of Spanish. **Prerequisite:** SPN 222.

335-336. Spanish Literature 6 credits

Survey of Spanish literature from its beginnings to modern times. Selected readings from the most important authors. Written and oral reports are required.

341-342. Spanish-American Literature 6 credits

A survey of Spanish-American literature with emphasis on the 19th and 20th centuries. Selected readings from representative authors from various countries.

355. Independent Study 1-3 credits



*The College's
Reflecting Pond.*

GEOLOGY

Geology courses are designed to introduce to students the multitude of Earth's natural phenomena and broaden their appreciation and understanding of this finite environmental system. Students may elect to concentrate in Geology as a minor. The Geology course offerings also serve as a foundation to students majoring in Environmental Science and those who pursue an Earth Science teaching license. Students majoring in Environmental Science may elect to concentrate their studies in Environmental Geology.

MINOR IN GEOLOGY (18 credits)

REQUIRED: 3 courses (9 credits)

111 Environmental Geology 112 Historical Geology 233 Mineralogy

ELECTIVES: Any 9 credits from Geology numbered 200 or higher

Earth/Space Science Education: A minor in Geology, coupled with a minor in Education, can lead to a double license to teach Earth/Space Science at the middle school, junior high and high school levels. This program of study, coupled with Core 5, covers all four areas (Energy in the Earth System, Geochemical Cycles, Origin and Evolution of the Earth System, Origin and Evolution of the Earth) required by the state of Indiana for a license to teach Earth/Space Science.

The minimum requirements for a teaching license in Earth/Space Science is a major and minor, or a group major, in the Natural Sciences Division, plus an education minor, with the following distribution of courses:

REQUIRED: 21 credits of Geology that must include GEO/ENV 111, GEO 112, and GEO 233; 6 credits from GEO/ENV 226, 337, 348, or GEO 125; and 6 credits from GEO 235, 239, or 335. Note that this can also be satisfied by an Environmental Science group major, rather than a Geology minor.

COURSE DESCRIPTIONS**111. Environmental Geology (ENV 111) 3 credits**

This course is a survey of physical geology from the perspective of human interaction with the environment. Topics covered in the two credits of weekly lectures include: Plate Tectonics, volcanoes, earthquakes, and mountain building, the rock cycle, weathering and erosion, mass wasting, stream landscapes and flooding, wind processes, shoreline erosion and deposition. The weekly two-hour laboratory includes the study of typical rocks and minerals, topographic maps and survey systems, and an introduction to aerial photographic interpretation.

112. Historical Geology 3 credits

A study of the geochronology through the following topics: earth history recorded in the rocks, the constant change of living things, the scale of time, the Precambrian, Paleozoic, Mesozoic, Cenozoic world, fossils, geologic maps and charts. **Prerequisite:** GEO 111.

125. Astronomy 3 credits

A non-mathematical introduction to astronomy including the history of astronomy, the principal tools of astronomy, the determination of location using celestial bodies, and

main features of the known universe. Also, there is an emphasis on the origin of planets, stars, and galaxies.

132. Geography of Economic Resources (ENV 132) 3 credits

A study of the principle economic and commercial regions of the Earth. The emphasis of the course is placed on agriculture, water resources, manufacturing, and extractive (mining) centers. The environmental impacts of resource use are given special consideration. **Prerequisite: ENV/GEO 111 is desirable, but not required.**

226. Atmosphere, Climate and Weather (ENV 226) 3 credits

An introduction to meteorology with emphasis on the vertical structure of the atmosphere, clouds, air circulation, and various atmospheric and weather processes, including severe weather.

233. Mineralogy 3 credits

This course presents physical, chemical, descriptive, economic, and determinative mineralogy, and introductory crystallography. **Prerequisite: GEO 111, 112 or consent of instructor.**

235. Sedimentology and Stratigraphy 3 credits

Methods of description, classification, interpretation, and correlation of rock units. Laboratory exercises are designed to aid in understanding stratigraphic problems, fundamentals of sediment study methods, paleo-environments, and facies changes. **Prerequisite: GEO 111 and 112.**

239. Petrology 3 credits

A study of the formation, occurrence, and characteristics of the common rocks together with their field identification. **Prerequisite: GEO 111.**

335. Geomorphology 3 credits

The study of the landforms produced by various geologic processes on the surface of the earth. **Prerequisite: GEO 112.**

337. Maps, Air Photos and Remote Sensing (ENV 337) 3 credits

The basic elements of map-making, map reading, aerial photo interpretation, and remote sensing techniques are examined in this laboratory-based course. The importance of maps, air photos and remote sensing, as well as introductory GIS techniques are crucial to the success of environmental and geology students who work in these fields. **Prerequisite: ENV/GEO 111 or consent of instructor.**

348. Hydrology (ENV 348) 3 credits

A knowledge of surface- and ground-water processes are crucial in the evaluation of most environmental and geological problems. This course explores hydrologic topics such as stream flow, rainfall, surface water runoff, ground water supply, and water quality. The course focuses on applying hydrologic principles to the solution of environmental pollution, geologic, and resource problems. **Prerequisite: GEO 111/consent of instructor.**

455. Independent Study 1-3 credits

HISTORY

History courses can enlarge the student's intellectual horizon by an ordered, meaningful, and up-to-date inquiry into the past. This includes not only courses in United States and European history, but also introductions into several areas of non-Western history and into the basic skills of historical research itself. The major in history prepares the student for graduate studies, entry into law school, and teaching in secondary schools, as well as providing a broad, cultural basis for a later career in various fields of business or the arts.

MAJOR IN HISTORY (36 credits)

REQUIRED: 3 courses (9 credits)

- 121 United States History I
- 122 United States History II
- 125 European Civilization

Choose 6 credits from: (Europe)

- 238 History of England
- 246 Revolutionary Europe, 1789-1871
- 251 Ancient Mediterranean Civilization
- 282 Twentieth Century Europe
- 344 Imperial Russia, Soviet Union, & Beyond

Choose 3 credits from: (American)

- 209 US Foreign Policy
- 233 Jeffersonian/Jacksonian America
- 336 Recent America
- 338 Colonial America
- 442 American Business History

Choose 3 credits from: (Non Western)

- 240 History of Africa
- 343 History of Modern E Asia
- 345 Modern Middle East

ELECTIVES: Any 15 credits in History.

MINOR IN HISTORY (18 credits)

ELECTIVES: Any 18 credits in History.

COURSE DESCRIPTIONS

121-122. United States History, I-II **6 credits**

A study of American civilization from its European origins until 1865 in the first semester; its development since 1865 until the present is considered in the second semester.

125. European Civilization **3 credits**

A general survey of European history and civilization to 1500. Offered in alternate years.

209. U.S. Foreign Policy (POL 209) **3 credits**

A survey of the major ideas, factors, and decisions that have and continue to shape U.S. foreign policy. The course includes in-depth analysis of several challenges and decisions facing current foreign policy makers.

233. Jeffersonian/Jacksonian America **3 credits**

A study of America in the formative years after independence, with special emphasis on Jefferson and Jackson and American life during their administrations. Offered in alternate years.

- 238. History of England** 3 credits
 Surveys the major trends in English history from its beginnings to 1945. In addition to political chronology, social and cultural features will be treated.
- 240. History of Africa** 3 credits
 This course traces the social and political trends of the past and evaluates their influence on contemporary Africa. Each year, one major geographic area of the continent is selected for study. Study includes precolonial history, the impact of colonization, and the development and challenges facing Africa in the post -- colonial era, with emphasis on the uniquely African responses to outside forces. Offered in alternate years.
- 246. Revolutionary Europe, 1789-1871** 3 credits
 Europe from the French Revolution through the unification of Germany and Italy.
- 251. Ancient Mediterranean Civilization** 3 credits
 In depth survey of the history, literature, philosophy, and art of both Classical Greece and Rome with extensive use of primary sources.
- 255. Independent Study** 1-3 credits
- 282. Twentieth Century Europe** 3 credits
 A survey of 20th-century Europe focusing on political, social, economic, cultural changes from Britain to Russia (former U.S.S.R.) with emphasis on the two world wars, the Cold War, and the European Economic Union.
- 336. Recent America** 3 credits
 American political and social history from 1945 through the Clinton Presidency.
- 338. Colonial America** 3 credits
 The social and religious history of colonial Americans is stressed from the Euro-Indian exchanges to the American Revolution. Offered in alternate years.
- 343. History of Modern East Asia (POL 343)** 3 credits
 A survey of the historical development of Asia and East Asia in the 18th through 21st centuries with a focus on local patterns of societal, cultural, economic, and political development, with special attention paid to China, Japan, Korea, and Vietnam.
- 344. Imperial Russia, Soviet Union and Beyond** 6 credits
 Surveys the development of the Russian empire from the reign of Alexander I to the abdication of Nicholas II, examines the 1917 revolutions and the Soviet empire from Lenin to Gorbachev and traces the major features of the region's post-Communist era.
- 345. Modern Middle East (POL 345)** 3 credits
 A survey of the major developments in the Middle Eastern countries between Libya in the West and Iran in the East with a major emphasis on late 19th and 20th century trends.
- 358-359. Topics in History** 3 credits
 Based on student interest and current trends and needs, the Department offers a number of topics and eras, for example: History of the Family and Women in America.
- 442. American Business History** 3 credits
 Focused on management-labor relations, broadly construed, from 1600 to the present.

HUMANITIES

Saint Joseph's offers the opportunity for the obtaining of a two-year Associate in Arts degree in the Humanities. The program includes the entire Core Curriculum plus 15 credits elected from the fields of Communication and Theatre Arts, English, Foreign Languages, Music, Philosophy, and Religion. Although the requirements might be taken over a longer period of time, if one were to complete the degree in four semesters, the schedule of courses would be:

First Year		Second Year	
<u>Sem. I</u>	<u>Sem. II</u>	<u>Sem. I</u>	<u>Sem. II</u>
Core 1	Core 2	Core 3	Core 4
Core 5	Core 6	Core 9	Core 10
Core 7	Core 8	Elective	Elective
Elective	Elective	Elective	



A student receiving instruction from SJC's Band Director.

INTERNATIONAL STUDIES

A major in International Studies, first organized in 1977, was the natural out-growth of the internationalist thrust of the Saint Joseph's Core Curriculum and of the personal commitments of a number of the College's faculty. In a century when all peoples of the earth are becoming more and more aware of their interdependence, there is a great need for college graduates who are prepared to serve in careers in the international field and who have learned how to think perceptively and with sensitivity in terms of the global Family of Humanity.

Saint Joseph's College offers two majors in International Studies. The first is a group major in which students spend their junior year in a study-abroad program. There is a second option for a non-group major in which students do not spend a year abroad. They may, however, choose to fulfill some credits for the major in a semester or summer study-abroad program.

A major in International Studies is an excellent preparation for careers with the federal government (over thirty agencies), the foreign service, public international organizations (United Nations, regional bodies), banking and business, consulting firms, research organizations, teaching, trade and professional associations, the media (press, radio, television), foundations and other private nonprofit groups (Red Cross, CARE, National Geographic).

The program described below has been put together after careful study of the competencies which a graduate entering a career position in the international field ought to have. Our program will provide the student with the opportunity to develop the following traits and skills:

- a sense of the dignity of the human person, clarity of personal and cultural values, broad and deep understanding of the commitments of Christian humanism;
- proficiency in speaking and writing, the ability to organize thoughts and introduce timely arguments, skill in logical analysis of problems;
- basic skills in economic and political analysis, including both quantitative and qualitative approaches;
- a conceptual grasp of history and contemporary events and the ability to relate specific cases to general patterns;
- knowledge of international peoples, languages and institutions, suggesting an ability to relate and to analyze across cultural and national lines.

MAJOR IN INTERNATIONAL STUDIES (39 credits)

REQUIRED: 4 courses (12 credits) **Common Body of Knowledge**

POL 102 Comparative Politics	SOC 112 Culture & Society
ECN 121 Principles: Money and Income	PHL 111 Philosophy of Human Nature

Choose 3 credits from: **Values**

PHL 342 Modern Political Philosophy	REL 332 Worship, Belief, and Praxis
REL 232 Christianity in History	REL 358 Special Studies in Religion

128 International Studies

Choose 12 credits from: **Systems**

MGT 312 International Business
ECN 120 Principles: Markets and Prices
ECN 435 Comp Econ Systems
ECN 312 International Finance

POL 407 International Law
POL 103 International Relations
GEO 132 Geography Econ Resources
SOC 447 Law and Society
SOC 115 Gender and Culture

Choose any 12 credits from: **Area**

HST 209 U.S. Foreign Policy
HST 238 History of England
HST 240 History of Africa
HST 343 History of Modern East Asia
HST 345 Modern Middle East
HST 344 Imperial Russia, Soviet Union

ENG 222 Creative Writing - Poetry
ENG 359 Special Studies in Literature
FRN 249 French Civilization
FRN 336 French Literature II
GER 333 German Civilization
SPN 231 Spanish & Span-Amer Cult

Some of these credits may also be earned during a study abroad program through the following course numbers:

IS 302 Area Studies in Humanities IS 305 Area Studies in Social Sciences
IS 490 Internship/Field Work

Foreign Language Requirement: Intermediate level competency required. This competency may be gained through course work at Saint Joseph's College and/or through summer language programs.

GROUP MAJOR IN INTERNATIONAL STUDIES WITH JUNIOR YEAR ABROAD (54 CREDITS)

Common Body of Knowledge (12 credits)

Values (3 credits)

Systems (15 credits)

Area (24 credits) These courses are all taken as part of the study-abroad program in the junior year. These course numbers are used to transfer in the credit for the courses taken through the program.

REQUIRED: one course (3 credits)

IS 101 Introduction to Area Studies in Culture

Choose 21 credits from (These courses may be repeated for credit):

IS 301 Area Studies in Commerce	IS 304 Area Studies in Natural Sciences
IS 302 Area Studies in Humanities	IS 305 Area Studies in Social Sciences
IS 303 Area Studies Mathematical Sciences	IS 490 Internship/Field Work

Foreign Language Requirement: Intermediate level competency required. This competency may be gained through course work at Saint Joseph's College and/or through summer language programs.

JOURNALISM

The Journalism minor is appropriate with any major and should be considered by students who wish to pursue careers in writing, reporting and editing for the print or broadcast media. Special consideration should be given by secondary education minors who would like preparation to supervise a high school newspaper.

The minor in Journalism stresses communication skills in newspaper writing, editing and Adobe/Pagemaker desktop publishing. Coursework in Journalism ethics and/or Media and the Law are also requirements for a Journalism minor. Six credits of electives from Communication in Mass Media, Photojournalism, Newspaper Editorial/Management Practices & Policies, complete the program.

Journalism minors are expected to gain experience working on *The Observer*, the award-winning student newspaper. Internships may be available to Journalism minors with an overall GPA of 3.000 in their senior year.

The Journalism minor is supervised by the Department of English.

MINOR IN JOURNALISM (18 credits)

REQUIRED: 3 courses (9 credits)

JRN 105 Intro Newspaper Wrtnng, Rprtnng & Edtnng JRN/ENG 223 Feature Writing
JRN 106 Basic Design Newspapers & Other Publications

Choose 6 credits from:

JRN/COM 117 Media and Society
JRN 220 Photojournalism
JRN 320 Newspaper Editorial/Management
JRN 390 Internship

Choose 3 credits from:

JRN/COM 330 Journalism Ethics
JRN/COM 358 Media & the Law

COURSE DESCRIPTIONS

101. Newspaper Laboratory -- Reporting 1 credit

Applied practice in newspaper reporting and editing for *The Observer*. Pass/not pass. (May be taken twice).

102. Newspaper Laboratory -- Layout and Design 1 credit

Applied practice in layout and design as a page editor or assistant editor for *The Observer*. Pass/not pass. (May be taken twice).

103. Yearbook Laboratory - Layout and Design 1 credit

Applied practice in layout and design as a staff writer or editor for *Phase*. Pass/not pass. (May be taken twice).

105. Introduction to Newspaper Writing, Reporting, & Editing 3 credits

Practice in news style writing, gathering information, and editing for publication. Major emphasis on style manuals and grammar, plus discussion of feature, column and editorial writing styles as they pertain to the College's biweekly newspaper.

130 Journalism

106. Basic Design for Newspapers and Other Publications 3 credits

Practice in type selection, copyfitting, photo and illustration selection and use, paste-up skills and printing processes, plus introduction to Adobe/Pagemaker desktop publishing in connection with the College newspaper.

117. Media and Society (COM 117) 3 credits

A study of the forms of communication involved in the mass media (print, radio, television and film). Basic theories of Message, Receiver, Channel, and Sender are applied in classroom exercises through oral reports, surveys and research.

220. Photojournalism (COM 220) 3 credits

The use of cameras and films and the developing and printing of black and white photographs used in journalism. Planning, taking and editing news pictures; writing cutlines and captions; the technique of the picture story.

223. Feature Writing (ENG 223) 3 credits

A writing course in which students read and write a variety of newspaper and magazine feature articles. Students will learn how to select markets for free lance feature articles and how to prepare manuscripts for submissions to prospective publishers.

320. Newspaper Editorial/Management Practices & Policies 3 credits

A practical overview of professional practices and corresponding policies in the gathering, writing, and editing of news.

330. Journalism Ethics (COM 330) 3 credits

A comprehensive study of legal and ethical considerations inherent to a free press in a free society. More than 200 case histories, plus a series of guest speakers, add depth and insight to a course that probes ethical codes and value systems in the mass news media. Special emphasis is given not only to how the press functions, but to why it functions as it does.

358. Media Law (COM 358) 3 credits

Study of the legal issues concerning the media including: statutes and regulations governing press, broadcast and films; analysis of defamation, libel, contempt, privacy, copyright, legal rights and privileges of the mass media. **Prerequisite: COM 117.**

390. Internship 3-9 credits

Available to qualified students. Participants will work in College-approved off-campus intern programs in publishing or editorial fields. Journalism minors may take an internship with the consent of the departmental supervisor and an overall minimum GPA of 3.000.

455. Independent Study 1-3 credits

LAY ECCLESIAL MINISTRY PROGRAM

Four Catholic Bishops in the state of Indiana have agreed on a common program of theology courses, professional skills workshops, and spiritual formation leading to the possibility of deputation as a “lay ecclesial minister”. The theology courses and the professional workshops may be taken for credit at Saint Joseph’s College toward a degree in Lay Ecclesial Ministry. Students interested in this major simply follow all of the directives in this *Catalog* from admissions through to application for degree, but special permission from the Chair of the Religion Department is needed prior to enrollment in this major.

MAJOR IN LAY ECCLESIAL MINISTRY (36 credits)

REQUIRED: 14 courses (27 credits)

101 Intro Old Testament	202 Christology	303 PSW: Law
102 Intro New Testament	203 Ecclesiology	401 Spirituality
103 Word of God	204 PSW: Ministry	402 Moral Theology
104 PSW: Communication	301 Liturgy	403 PSW: Leadership
201 The Trinity	302 Sacraments	

Choose 9 credits from Lay Ecclesial Ministry (ELM) or Religion (REL) courses

MINOR IN LAY ECCLESIAL MINISTRY

REQUIRED: 10 courses (20 credits)

101 Intro Old Testament	201 The Trinity	301 Liturgy	401 Spirituality
102 Intro New Testament	202 Christology	302 Sacraments	402 Moral Theology
103 Word of God	203 Ecclesiology		

COURSE DESCRIPTIONS

101. Introduction to the Old Testament 2 credits

An introductory study of the processes and faith struggles that gave rise to the Old Testament. Students will read major portions of the Old Testament to understand them both in their own context and also in the context of the Christian faith.

102. Introduction to the New Testament 2 credits

An introductory study of the processes and faith struggles that gave rise to the New Testament. Students will read most of the New Testament, attending to the chronological development of this primary faith document of the Church.

103. The Word of God in Faith, Theology, and Ministry 2 credits

A theological study of the Bible as the inspired Word of God. Students will work with both Testaments in applying the tools and methods the Church employs to interpret texts and to deepen its understanding of revelation. Assignments and projects will deal with practical applications to liturgy and religious education.

104. Professional Skills Workshops: Communication 2 credits

Four day-long workshops covering professional skills needed by lay ministers: listening, ministerial relationships, diversity, and group dynamics.

132 Lay Ecclesial Ministry

201. The Trinity

2 credits

The theology of the Trinity as a personal communion of love. How this communion is experienced by Christians in the world as the creative activity of God the Father, the redeeming activity of God the Son, and the sanctifying activity of God the Holy Spirit.

202. Christology

2 credits

An introduction to the theology of the Church's doctrine about Jesus Christ in the light of Christian faith, practice, and worship. Special emphasis will be given to how the Church reflects systematically on the person, being, and ministry of Jesus of Nazareth.

203. Ecclesiology

2 credits

An introduction to the biblical, magisterial, and theological foundations of the nature and mission of the Church. Special attention will be given to the major moments of the Church's historical development, as well as to its variety of forms and expressions.

204. Professional Skills Workshops: Ministry

2 credits

Four day-long workshops covering professional skills needed by lay ministers: recognizing and making productive use of the talents of others, working with volunteers, intervention skills, and supervision skills.

301. Liturgy

2 credits

An introduction to the general principles of liturgical celebration, the primacy of the Lord's Day and the liturgical year, and the various forms of liturgical prayer.

302. Sacraments

2 credits

A study of the Sacraments of the Church, their historical development and theology, with an overview of the Rites books and how to use them.

303. Professional Skills Workshops: Law

1 credit

Two day-long workshops covering professional skills needed by lay ministers: canon law, civil law, and the authority levels of various Church documents.

355. Independent Study

1-3 credits

An individual or small group study of a theological or pastoral topic, sponsored by a full-time member of the SJC religion faculty, and lasting at least one semester. Faculty approval and special form required.

401. Spirituality

2 credits

A study of the key figures in the historical development of Christian spirituality and of the impact of culture and society on forms and styles of prayer.

402. Moral Theology

2 credits

A study of the nature and process of moral decision making and the principles derived from the Catholic Faith that would be involved in such moral decision making.

403. Professional Skills Workshops: Leadership

2 credits

Four day-long workshops covering professional skills needed by lay ministers: goal setting, planning, styles and models of leadership, conflict resolution, and team building.

490. Internship

1-3 credits

Engagement in a semester-long project in a parish under the supervision of an experienced Pastor and ELM staff. Special form and fee required.

MATHEMATICS

The mathematics courses offered below are designed to help the student attain: 1) an understanding and appreciation of the fundamental methods of deductive reasoning; 2) adequate preparation for work in graduate and professional school; 3) facility in the use of mathematics as a tool; 4) thorough familiarity with modern mathematical concepts.

MAJOR IN MATHEMATICS (36 credits)

REQUIRED:

- 236 Calculus IV, together with prerequisites Calculus I, II & III or the equivalent (e.g., high school AP)
- 244 Linear Algebra
- 441 Historical Perspectives in Mathematics (the Jr/Sr capstone course) (prerequisite: Jr/Sr math major or consent of the instructor)

Choose one course (3 credits) from:

- 437 Theory of Numbers 336 Differential Equations (prerequisite: MTH 126)
- 431 Modern Algebra I 439 Numerical Analysis (prerequisite: MTH 126)

Choose one course (3 credits) from:

- 341 Probability (prerequisite: MTH 125) 342 Statistics
- 432 Modern Algebra II (prerequisite: MTH 431 or consent of the instructor)
- 445 Real Analysis (prerequisite: MTH 235)

Choose the remaining credits from courses in Mathematics numbered 111 or higher.

GROUP MAJOR IN MATHEMATICS-COMPUTER SCIENCE (54 credits)

REQUIRED: 11 courses (33 credits)

- | | |
|-------------------------------|---------------------------------------|
| CMP 111 Computer Science I | CMP 439 Numerical Analysis |
| CMP 112 Computer Science II | MTH 122 Discrete Math |
| CMP 222 Computer Architecture | MTH 125, 126, 235 Calculus I, II, III |
| CMP 221 Data Structures | MTH 244 Linear Algebra |
| CMP 344 Design & Analysis | |

Choose 21 credits of computer science or mathematics which count toward a major that consists of at least 6 credits from computer science and 9 credits from mathematics.

NOTE: *Credit toward the major/minor or group major involving mathematics is given only for courses numbered 111 and above.*

MINOR IN MATHEMATICS (18 credits)

REQUIRED:

- MTH 236 Calculus IV, together with the prerequisite Calculus I, II and III or the equivalent of any or all of these (e.g., high school AP)

15 credits from Mathematics courses numbered 111 or higher.

COURSE DESCRIPTIONS**005. Computer Based Teaching Methods****3 credits**

Desk work shall include the study of the use of the microcomputer for tutorials, drills, and simulations for use in the classroom. Research related to sources of instructional computing software will be done by the students working either individually or in teams. Students will work in teams to produce at least one CAI tutorial using "SuperLink" on the PC and/or "Hypercard" on the Macintosh computer. The LASER videodisk and CD ROM units controlled by these computing packages will be utilized in these activities. The student teams will write and run programs using recursive procedures with the Logo "turtle" as well as write and execute simple programs using arithmetic algorithms in Logo. The student teams will also have hands-on experience with the presentation package "PowerPoint" -- using a digital camera where appropriate -- and will use a spreadsheet to find numerical solutions to some algebraic exercises. This course does not count toward a major, group major, minor, or associate degree in Computer Science.

006. Methods of Teaching Mathematics**3 credits**

Selected reading from the National Council of Teachers of Mathematics Journals (as they relate either to the elementary or middle/secondary curriculum), as well as other curriculum studies, such as the Indiana Mathematics Guidelines, will take up the bulk of the desk work for these courses. The process of problem solving, namely, understanding the problem, devising a plan, carrying out the plan, and checking the results, will be studied in detail and solution/discussion of selected activities will take place.

017. Basic Algebraic Skills**3 credits**

This course is intended as either a refresher course or a first course in algebra for those students who have been away from mathematics studies for some time. The course treats the following topics: operations on real numbers, linear equations and inequalities, exponents and polynomials, rational expressions, roots and radicals, and quadratic equations. The assignments will include attacking "word problems" as part of the skills to be acquired.

093. Pre-Calculus**3 credits**

This course is intended for those who wish to study the Calculus but need some preliminary mathematical work. It begins with some fundamentals of algebra, including sets, functions, and graphs. It treats polynomial and rational functions, and includes the usual transcendental functions. It considers trigonometric identities and certain elements of analytic geometry, including conic sections. Some study of combinatorics is pursued.

111. Mathematics As A Human Pursuit**3 credits**

It is widely accepted that mathematics is necessary for modern technology; mathematics also makes a basic contribution to other aspects of human life. This course is designed to integrate the student's knowledge and study of mathematics with other experiences and disciplines. It pursues a problem solving approach to some consumer issues, the arts, elements of probability, voting, some number theory, and geometry. At least one segment of the course will treat contemporary concerns found in the news media which are based on statistical concerns.

122. Discrete Mathematics**3 credits**

This is an introduction to logical and algebraic structures and combinatorial mathematics. Topics include methods of proof, recursion, Boolean algebra, recurrence relations, graph theory, finite automata, theory of computation with examples of applications to the field of computer science.

125. Calculus I**3 credits**

Including a review of pre-calculus, this course is an introduction to the calculus through concepts involving limits of functions, continuity at a point, and the derivative. Differentiation of products, quotients, and composite functions are treated. Implicit differentiation, the Extreme Value Theorem and the Mean Value Theorem are also considered. Graph sketching noting asymptotic behavior, extrema, concavity, and related concepts complete the content. The course will include a laboratory session with the computer algebra system Maple and will incorporate the use of a scientific graphics calculator as a regular part of the study. Each student is expected to have either the suggested calculator or one approved by the instructor.

126. Calculus II**3 credits**

Continuing the introduction to the calculus, the theory and techniques of integration are introduced with analytic geometry, then Riemann sums, and then the Fundamental Theorem of Calculus. Applications of the definite integral include area of regions, volumes, arc length and surface area. The laboratory section will continue the use of the Computer Algebra System and the graphics calculator will again be used on a regular basis. **Prerequisite: MTH 125 or department approval.**

235. Calculus III**3 credits**

This course continues the calculus sequence. A main thrust is its opening in-depth study of infinite sequences and series, including power series, Taylor series and Taylor polynomials. Conic sections, parametric equations and polar coordinates -- together with whatever review is required -- are studied as they relate to calculus concepts. Vector theory and the geometry of space are also treated. **Prerequisite: MTH 126 or department approval.**

236. Calculus IV**3 credits**

This concluding portion of the calculus sequence begins with a brief review of vectors followed by a pursuit of vector-valued functions. Functions of several variables, with their attendant partial derivatives, extrema, and multiple integration with applications are studied. The directional derivative, tangent planes and normal lines follow from the vector considerations. **Prerequisite: MTH 235 or department approval.**

244. Linear Algebra**3 credits**

This course studies linear transformations and linear algebras, including the study of solutions to systems of linear equations. It treats the theory of matrices leading to the theory of vector spaces over a field. It studies the operations on matrices, including determinants, and uses these concepts in a variety of applications.

Prerequisite: MTH 125 or consent of the instructor.

136 Mathematics

333. Geometry

3 credits

This course is a critical examination of the foundations of plane geometry, using an axiomatic approach. It includes the study of both Euclidean and non-Euclidean geometries. Proofs are emphasized.

336. Differential Equations

3 credits

This course studies differential equations from a practical viewpoint. It combines the formal exercises of integrating the various standard types of differential equations with the setting-up of equations for problems from the natural sciences. **Prerequisite: MTH 126 or equivalent.**

341. Probability

3 credits

This course is an introduction to probabilistic models and the theory of probability. It includes the study of conditional probability, random variables of one, two and higher dimensions, as well as some characterizations of discrete and continuous random variables. **Prerequisite: MTH 125 or consent of the instructor.**

342. Statistics

3 credits

This course presents an introduction to inferential statistics beginning with a brief overview of descriptive statistics and probability, including discrete and continuous distributions, and the central limit theorem. The main emphasis is on estimation, hypothesis testing, and selected tests for small samples. It culminates in analyses of variance and bivariate data with correlation and linear regression. **Prerequisite: MTH 125 or consent of the instructor.**

355. Independent Study

1-3 credits

390. Internship

3-9 credits

431. Modern Algebra I

3 credits

This course is that portion of Abstract Algebra which studies elementary group theory. It considers the properties of groups, subgroups, and functions; this leads to groups of permutations and groups isomorphic to them. Homomorphisms of groups along with the induced quotient groups culminate in the Fundamental Homomorphism Theorem; this rounds out the course.

432. Modern Algebra II

3 credits

This course is that portion of Abstract Algebra which studies elementary ring theory including ideals and quotient rings. It follows with a study of field theory and closes with a look at rings of polynomials and extension fields. **Prerequisite: MTH 431 or consent of instructor.**

437. Theory of Numbers

3 credits

This course treats the elementary properties of integers. It studies divisibility of integers, Euclid's Algorithm, solutions to Diophantine Equations, prime numbers, congruencies and quadratic residues.

439. Numerical Analysis (CMP 439)**3 credits**

This course develops algorithms involving iteration to approximate solutions to various kinds of problems. It studies finite differences, interpolating polynomials for numerical differentiation and integration, as well as the solution of equations and differential equations. The hand calculator and personal computer are the normal tools for this course. **Prerequisite: MTH 126 or consent of the instructor.**

441. Historical Perspectives in Mathematics**3 credits**

This course, the capstone, is a seminar on historical topics from the great theorems and thinkers of mathematics. Students make oral and written presentations from their independent, though not necessarily original, research. Portfolios are to be kept by each student. **Prerequisite: Junior or Senior Math major or consent of the instructor.**

445. Real Analysis**3 credits**

This course is a modern, topological approach to real analysis. It deals with the concepts of bounded sets; convergence of sequences and sub-sequences of real numbers; continuous functions on metric spaces; open and closed sets; connectedness, completeness, and compactness; Riemann integrals and derivatives; law of the mean; fundamental theorems of calculus; and improper integrals. **Prerequisite: MTH 235 or consent of the instructor.**

446. Topics In Mathematics**3 credits**

Students with demonstrated skills and background may select, with a designated professor, topics to be studied during a semester. Topics might be chosen from such subjects as vector analysis, complex variables, cryptology, fractals, chaos theory, or even actuarial studies, including the SPSS statistical computer package.

Prerequisite: consent of the instructor.



Students exercising in the College's fitness center.

MUSIC

The aim of the Department of Music is to further the intellectual and aesthetic development of the student through the medium of music theory and practice, secular and religious. The student majoring in Music may concentrate in applied music, theory and composition, church music, or music education. Students concentrating in church music may emphasize organ, voice, choral conducting, piano, guitar or composition. Students concentrating in music education may emphasize a keyboard instrument, a band instrument, or voice. (See Notes on page 140 for ensemble participation requirements for the various concentrations).

MAJOR IN MUSIC - Students may elect to concentrate in one of four areas:

- Applied Music -- 45 credits
- Church Music -- 50-54 credits
- Music Education --50-55 credits
- Theory & Composition -- 46 credits

REQUIRED: Music courses for all concentrations: 11 courses (22 credits)

- 120-121 Music Theory I & Lab
- 122-123 Music Theory II & Lab
- 224-225 Music Theory III & Lab
- 226-227 Music Theory IV & Lab
- 332 Music History & Lit II
- 433 Music History & Lit III
- 434 Music History & Lit IV

Applied Music Concentration:

REQUIRED: 3 Courses (7 credits)

- 390 Recital
- 365 Keyboard Harmony & Extemporization
- 429 Form & Analysis

REQUIRED: 16 credits of Applied Music with at least 4 credits of Piano.

Theory and Composition Concentration:

REQUIRED: 7 courses (16 credits)

- 328 Eighteenth-Century Counterpoint
- 344 Instrumental Arranging
- 445 Choral Arranging
- 340 Elementary Composition
- 429 Form & Analysis
- 341 Intermediate Composition
- 442 Advanced Composition

REQUIRED: 8 credits of Piano.

Church Music Concentration:

REQUIRED: 5 courses (12 credits)

- 328 Eighteenth-Century Counterpoint
- 331 Music History & Lit I
- 350 Prin of Conducting
- 365 Keyboard Harmony
- 351 Advanced Conducting

REQUIRED: 6 credits in Liturgy (511-522, summer only)

Choose one of the following emphases (credits required in each):

- Organ: Piano (4) Organ (8) Voice (2)
- Voice: Piano (4) Organ (2) Voice (8)
- Guitar: Guitar (6) Keyboard (4) Voice (4)
- Conducting: Piano (4) Organ (4) Voice (2)
- Composition:(6) Piano (4) Organ (2) Voice (2)
- Piano: Piano (8) Organ (4) Voice (2)

Music Education Concentration:

All Level Specialist in Instrumental and General Music (Indiana certifiable to teach instrumental and general music K-12) (55 credits)

REQUIRED: 17 courses (34 credits)

120 & 121 Music Theory I & Lab	331 Music History & Lit I
122 & 123 Music Theory II & Lab	332 Music History & Lit II
224 & 225 Music Theory III & Lab	433 Music History & Lit III
226 & 227 Music Theory IV & Lab	434 Music History & Lit IV
272 Choral & Instrumental Methods	273 Teaching Music 5-12
350 Prin of Conducting	344 Instrumental Arranging
351 Advanced Conducting	

REQUIRED: 21 credits in Applied Music

Voice - 2 credits	Percussion - 2 credits (MUS 267)
Piano - 4 credits	Strings - 2 credits (MUS 263)
Brass - 2 credits (MUS 160)	Woodwinds - 2 credits (MUS 161)
Principal performance medium - 7 credits	

REQUIRED: Minor in Education (30 credits)

All Level Specialist in Vocal and General Music (Indiana certifiable to teach vocal and general music K-12) (50 credits)

REQUIRED: 17 courses (34 credits)

120 & 121 Music Theory I & Lab	331 Music History & Lit I
122 & 123 Music Theory II & Lab	332 Music History & Lit II
224 & 225 Music Theory III & Lab	433 Music History & Lit III
226 & 227 Music Theory IV & Lab	434 Music History & Lit IV
272 Choral & Instrumental Methods	350 Prin of Conducting
273 Teaching Music 5-12	351 Advanced Conducting
445 Choral Arranging	

REQUIRED: 16 credits in Applied Music

Piano and organ (6)	Voice (8)
Non-keyboard instrument (2)	

REQUIRED: Minor in Education (30 credits)

GROUP MAJOR MUSIC/BUSINESS ADMINISTRATION (58 credits)

REQUIRED: 8 courses (16 credits)

120 & 121 Music Theory I & Lab	332 Music History & Lit II
122 & 123 Music Theory II & Lab	433 Music History & Lit III
350 Prin of Conducting	434 Music History & Lit IV

Choose 2 credits from:

322 Jazz Theory I	344 Instrumental Arranging
340 Elementary Composition	445 Choral Arranging

Choose 3 credits of Applied Music, which must include 2 credits of piano.

140 Music

REQUIRED: Foundations, 8 courses (24 credits)

ACC 101 Prin of Acct I	ECN 120 Principles: Markets and Prices
ACC 102 Prin of Acct II	ECN 121 Principles: Money and Income
MGT 101 Prin of Management	BUS 201 Legal Environment of Business
MKT 102 Prin of Marketing	FIN 201 Prin of Finance

REQUIRED: Tools, 3 courses (7 credits)

BUS 101 Communication and Tech	ECN 210 Statistics for Business and Economics
BUS 301 Career and Job Planning	

REQUIRED: Synthesis, 2 courses (6 credits)

BUS 351 The Crucible	BUS 451 Business Policy and Strategy
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ASSOCIATE OF ARTS DEGREE IN CHURCH MUSIC & LITURGY (60 credits)

See Rensselaer Program of Church Music and Liturgy

MINOR IN MUSIC (18 credits)

REQUIRED: 6 courses (12 credits)

120 & 121 Music Theory I & Lab	332 Music History & Lit II
122 & 123 Music Theory II & Lab	433 Music History & Lit III

ELECTIVES: Any 6 credits in Music.

MINOR IN JAZZ STUDIES (18 credits)

REQUIRED: 6 courses (12 credits)

320 Jazz Improvisation I	322 Jazz Theory I	324 Jazz Arranging
321 Jazz Improvisation II	323 Jazz Theory II	325 Jazz History

Choose 4 credits from:

017 Jazz Band*	018 Jazz Madrigal Singers
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Choose 2 credits from Applied Music

***All students minoring in Jazz Studies must participate in Jazz Band at least 4 semesters.**

NOTES: For all students majoring or minoring in Music or enrolled in the group major program in Music/Business Administration, participation in a faculty-directed major ensemble each semester is required. Students completing the all-level major in music with vocal emphasis are to participate in chorus each semester. Students completing the all-level major in music with instrumental emphasis are to participate in band each semester. For those concentrating in church music, participation in chorus is required each semester. The required participation applies to every semester that the student is enrolled in the College. Ensemble participation will be indicated on the student's transcript with a "Pass" or "Not Pass" grade.

All music majors, minors, and group majors must pass the music placement test, including fundamentals of musical notation and the sight-reading of elementary piano music, before enrolling in Music 120.

All music majors must pass a piano proficiency examination prior to graduation. A student is to enroll for piano lessons every semester until the proficiency examination is passed.

Each semester all Music majors will perform in at least one of the several student recitals unless specifically excused by the chairman of the department.

Courses in applied music may not be audited nor may composition be audited.

Music majors who wish to be recommended to the Teacher Education Committee for admission to the Teacher Education Program and for student teaching must have at least a 2.750 GPA in the Music major.

All students completing the Music Education Concentration are required to take one credit of private lessons in their principal performance medium in each of their first seven semesters.

COURSE DESCRIPTIONS

010. Synthesis of Music History I (to 1700) (Summers only)	1 credit
011. Synthesis of Music History II (1700-1900) (Summers only)	1 credit
012. Synthesis of Music History III (20th Century) (Summers only)	1 credit
013. Music Fundamentals	3 credits
014. Theory Integration (Summers only)	1 credit
015. Band Band participation required: three hours of class time per week and several performances per semester. Students will be graded on a pass/not pass basis. No more than four band credits may be used towards graduation by a non-music major.	1 credit
016. Chorus Chorus participation required: three hours of class time per week and several performances per semester. Students will be graded on a pass/not pass basis. No more than four chorus credits may be used towards graduation by a non-music major.	1 credit
017. Jazz Band A study of jazz and contemporary music in a performance-based setting. Students will learn music both by reading and by ear. No more than four jazz band credits may be used towards graduation by a non-music major.	1 credit
018. Jazz Madrigals Singers A study of jazz and contemporary music in a performance-based setting. Students will learn music both by reading and by ear. No more than four jazz madrigals credits may be used towards graduation by a non-music major.	1 credit

142 Music

120. Music Theory I **3 credits**

Rudiments; notation; manuscript techniques; elements of music (rhythm, melody, harmony, color); texture; elementary forms; tonality and modality; triads in root position and inversions; harmonic progression, root movements, and voice leading; non-harmonic tones; harmonization of a given part; two-, three-, and four-part harmony; figured bass; cadences. Various written exercises and analysis of scores.

121. Music Theory I Lab **1 credit**

Lab with MUS 120. Sight singing, ear training, and keyboard harmony relevant to material of MUS 120.

122. Music Theory II **3 credits**

Continuation of MUS 120. Harmonic rhythm; elementary chromaticism; modulation; the dominant seventh chord and secondary dominant chords with regular and irregular resolutions; sequence; evolution of harmonic theory through the major-minor system of tonal music. Various written exercises and analysis of scores. **Prerequisite: Music 120.**

123. Music Theory II Lab **1 credit**

Lab with MUS 122. Continuation of MUS 121. Sight singing, ear training, and keyboard harmony relevant to material of MUS 122.

130. Music Appreciation **2 credits**

An introduction to, and survey of, Music - vocal and instrumental, sacred and secular, "serious" and "popular" from antiquity to the present.

160. Brass Techniques **2 credits**

A fee of \$65.00 is assessed for this course.

161. Woodwind Techniques **2 credits**

A fee of \$65.00 is assessed for this course.

172. Music for Elementary Teachers **3 credits**

Music fundamentals are introduced to prepare the future elementary classroom teacher to help to guide children's musical development, and to learn to integrate music into other parts of the elementary curriculum. In addition to acquiring and/or developing skill in reading and performing music, students are introduced to appropriate song literature for classroom use, to other vocal and instrumental music literature appropriate for developing students' listening skills, and to the use of classroom percussion instruments as well as other melody or accompanying instruments.

224. Music Theory III **3 credits**

Continuation of Music 122. Chorale style; tonal counterpoint; sonata principle; harmonic expansion of the nineteenth century; chords of the complete and incomplete major and minor ninth of dominant function; diminished seventh chords of non-dominant function; chords of the ninth, eleventh, and thirteenth. Various written exercises and analysis of scores. **Prerequisite: MUS 122.**

225. Music Theory III Lab **1 credit**

Lab with MUS 224. Continuation of MUS 123. Sight-singing, ear training, and keyboard harmony relevant to material of MUS 224.

226. Music Theory IV**3 credits**

Continuation of MUS 224. The Neapolitan sixth chord; chords of the augmented sixth and other chromatic chords; extension of common practice; tonality-supporting and tonality-weakening elements; pentatonic scale; whole-tone scale; synthetic scales; secundal, quartal, and quintal sonorities; pandiatonicism; polychordality and polytonality; atonality; 12-tone method. Various written exercises and analysis of scores. **Prerequisite: MUS 224.**

227. Music Theory IV Lab**1 credit**

Lab with MUS 226. Continuation of MUS 225. Sight-singing, ear training, and keyboard harmony relevant to material of MUS 226.

263. String Techniques**2 credits**

A fee of \$65.00 is assessed for this course.

267. Percussion Techniques**2 credits**

A fee of \$65.00 is assessed for this course.

**272. Choral and Instrumental Methods for Elementary
and Middle School Music Educators**
2 credits

A study of basic musical experiences normally available in elementary and middle schools; means and methods of providing these experiences; investigation and training in Orff and Kodaly methods; investigation of school music texts, choral literature, and audiovisual aids. **Prerequisite: MUS 120 or equivalent.**

273. Teaching of Music Grades 5-12**2 credits**

This course will cover those elements necessary to teach music in the secondary school setting. Included will be an overview of teaching both instrumental and vocal music at this level plus discussions on such activities as field trips, conducting band and choral camps, purchasing instruments and uniforms, fundraising, recruiting, and how to start a beginning band or choir.

320. Jazz Improvisation I**2 credits**

An introduction to melodic and chordal relationships. Students will learn both the melodies and chord changes of standard tunes and how to improvise over the chord changes.

321. Jazz Improvisation II**2 credits**

A continuation of Jazz Improvisation I with more complex chord changes and longer song forms. **Prerequisite: MUS 320.**

322. Jazz Theory I**2 credits**

An introduction to jazz notation, chord symbols and harmony.

323. Jazz Theory II**2 credits**

A continuation of Jazz Theory I, with analysis of both jazz standards and arrangements. **Prerequisite: MUS 322.**

324. Jazz Arranging**2 credits**

A study in arranging for jazz groups of all sizes. **Prerequisite: MUS 323.**

144 Music

- 325. Jazz History** 2 credits
A survey of the history of jazz.
- 328. Eighteenth-Century Counterpoint** 3 credits
A course in eighteenth-century counterpoint to four parts. Analysis and composition. A detailed study of various chorale-based forms, fugue, and Baroque variation forms, as well as Bach's *Art of the Fugue*.
- 331. Music History and Literature I** 2 credits
A survey of music history and literature from Antiquity to the Early Baroque.
- 332. Music History and Literature II** 2 credits
A survey of music history and literature from the Mature Baroque to Beethoven (inclusive).
- 340. Elementary Composition** 2 credits
Unison and two-part writing with accompaniment; emphasis on melodic techniques. At least one of the following: binary and ternary forms, solo vocal or instrumental and accompaniment, invention, ground bass, duets, two-part choral writing. Manuscript techniques.
- 341. Intermediate Composition** 2 credits
At least one of the following: Single movement works for three or more parts, using appropriate melodic and harmonic techniques. Chorale prelude, passacaglia, chaconne, rondo, ritornello, theme and variations, trios, three-part choral writing. Manuscript techniques. **Prerequisite: MUS 340 or equivalent.**
- 344. Instrumental Arranging** 2 credits
- 350. Principles of Conducting: Theory and Practice** 2 credits
Fundamentals of score-reading and baton technique.
- 351. Advanced Conducting** 2 credits
Prerequisite: MUS 350.
- 355. Independent Study** 1-3 credits
- 364. Marching Band Techniques** 3 credits
Study of, and practice in, creating band shows, to include arranging the music, charting formations, drill, and organization and administration of a marching band, with special reference to the styles of certain large university bands and their adaptability to band programs of varying sizes and conditions.
- 365. Keyboard Harmony and Extemporization** 3 credits
Prerequisite: MUS 122.
- 390. Recital** 1 credit
A fee of \$150.00 is assessed for this course.
- 429. Form and Analysis** 3 credits
An extended and concentrated study of larger music forms, including selected works from the *Well-Tempered Clavier* by Bach, the keyboard sonatas by Beethoven, and the

orchestral, chamber music, and keyboard literature from the Classical Period through the Contemporary Period. **Prerequisite: Music 122.**

433. Music History and Literature III **2 credits**

A survey of music history and literature from the death of Beethoven to 1913.

434. Music History and Literature IV **2 credits**

A survey of music history and literature from 1913 to the present.

442. Advanced Composition **2 credits**

At least one of the following: Single movement works for four or more parts, using appropriate polyphonic techniques. Sonata, sonatina, fugue, quartets, four-part choral writing. Manuscript techniques. **Prerequisite: MUS 341 or equivalent.**

443. Free Composition **2 credits**

Large, multi-sectional/movement works for varied choral or instrumental ensembles or combinations thereof, four or more parts. Manuscript techniques.

445. Choral Arranging **2 credits**

COURSES IN APPLIED MUSIC

31, 32 Private Instruction **Variable credits**

No more than 20 credits of applied music (exclusive of techniques courses) may be applied toward fulfilling graduation requirements. There is an applied music fee for each credit of applied music. A student receives one-half hour of private instruction per week per semester for one credit. A student receives 12 lessons per semester.

A -- Voice	J -- Saxophone
B -- Piano	K -- Trumpet
C -- Organ	L -- Horn
D -- Guitar	M -- Baritone
F -- Flute	N -- Trombone
G -- Oboe	O -- Tuba
H -- Clarinet	P -- Percussion
I -- Bassoon	

Private instruction is recorded in the following manner:

- Letter -- designation of instrument or voice
- Final digit -- number of credits (e.g., A32 means 2 credits of voice)

NURSING

Saint Joseph's College offers a BSN completion program in nursing and is affiliated with the three-year Registered Nursing (RN) diploma program offered by St. Elizabeth School of Nursing in Lafayette, Indiana. The Saint Joseph's College degree completion program is for registered nurses and recent graduates of an associate degree or diploma program and leads to a Bachelor of Science degree in Nursing (BSN). Application to the BSN program should be made through the Office of Admissions at Saint Joseph's College.

The St. Elizabeth RN program is accredited by the Indiana State Board of Nursing and the National League for Nursing Accreditation Commission. Application to the diploma program should be made directly to the St. Elizabeth School of Nursing, 1509 Tippecanoe Street, Lafayette, IN 47904 (765-423-6400).

ST. ELIZABETH HOSPITAL DIPLOMA PROGRAM

Students pursuing this program will spend their first year on the Saint Joseph's College Campus in Rensselaer for two semesters. Those who enter part-time or as a non-clinical student will likely spend a minimum of four semesters on campus. Once in the second level of nursing courses, the student will transfer to the St. Elizabeth School of Nursing Campus in Lafayette. After completing the three-year program, students will have earned their nursing diploma and are eligible to take the National Council Licensing Examination for Registered Nurses (NCLEX-RN) administered by the Indiana State Board of Nursing.

The mission of the St. Elizabeth Hospital School of Nursing is to provide a quality education program within the Christian context of a healing ministry. This program's aim is to prepare a self-directed, critically-thinking, problem-solving practitioner who provides quality nursing care to clients at the beginning level within hospitals, extended care facilities, clinics and other related client-care settings.

DIPLOMA PROGRAM: (118 credits)

REQUIRED: Core 1, 2, 3, 4, 7, 8, 10 (33 credits)

7 courses (25 credits)

BIO 115 Nursing Anatomy & Physiology

BIO 123 Intro Microbiology for Nursing

BIO 202 Diseases & Pharmacological Treatment I

BIO 203 Diseases & Pharmacological Treatment II

CHM 111 Introductory Chemistry

ENV 128 Introduction to Environmental Studies

SOC 228 Transcultural Nursing

12 courses (57 credits)*

NUR 101 Fundamental Skills of the Discipline of Nursing

NUR 102 Advanced Fundamental Skills of the Discipline

NUR 111 Foundation of the Discipline of Nursing

NUR 112 Application of Foundation Concepts

NUR 221 Adaptation: Communication
 NUR 222 Adaptation: Levels of Care
 NUR 223 Adaptation: Education as an Adaptive Process
 NUR 330 Health Restoration: Concepts of Leadership
 NUR 331 Health Restoration: Nursing Care of Acutely Ill Clients
 NUR 332 Health Restoration: Nursing Care of Chronically Ill Clients
 NUR 341 Nursing Synthesis I
 NUR 342 Nursing Synthesis II

*These courses are described in the Saint Elizabeth *Bulletin*.

BACHELOR OF SCIENCE IN NURSING PROGRAM (BSN)

REQUIRED: 9 courses (28 credits)

NUR 401 Physical Assessment
 NUR 402 Contemporary Nursing Theories, Issues and Practice
 NUR 403 Legal Issues in Nursing
 NUR 404 Stats for Health Care Research
 NUR 405 Complementary Therapies in Nursing and Medicine
 NUR 406 Applied Nursing Research
 NUR 407 Leadership & Management in the Workplace
 NUR 409 The Community as Client
 NUR 410 The Community as Client - Clinical Component

Core 1, 2, 3, 4, 7, 8, 9, 10 (39 credits)

4 courses (16 credits)

BIO 115 Human Anatomy & Physiology or equivalent
 BIO 123 Microbiology or equivalent
 CHM 111 Introductory Chemistry or equivalent
 SOC 228 Transcultural Nursing

ELECTIVES: 11 credits in any area. **HIGHLY RECOMMENDED:**

BIO 202 Diseases & Pharmacological Treatment I or equivalent
 BIO 203 Diseases & Pharmacological Treatment II or equivalent
 ENV 128 Introduction to Environmental Studies or equivalent

NOTES: The BSN student:

1. must complete an accredited RN program with a minimum of 41 credits in nursing.
2. must hold a valid Indiana license for Registered Nursing or if a recent graduate, be eligible for the NCLEX-RN exam in the state of Indiana prior to receiving a BSN diploma.
3. is granted twenty-six (26) semester credits in nursing for previous nursing courses for graduates of an accredited RN program. Graduates of programs that are not accredited will be required to take the Educational Resources, Inc. (ERI) CAPS tests and pass them at the national average or submit a portfolio for credit for previous nursing courses.

If there are any questions regarding specialized nursing program accreditation, please contact the Chair of the Department of Nursing.

COURSE DESCRIPTIONS**401. Physical Assessment****3 credits**

This course is designed to enhance the nurse's abilities in data collection and physical assessment. Emphasis will be placed on integration of these skills and techniques into the nursing process. Diseases and abnormal findings are included. Opportunity for practice is provided within the laboratory setting. The course culminates with completion of a history and performance of a complete physical examination on an adult client with the instructor present, and submission of a written copy of the findings of the physical examination.

402. Contemporary Nursing Theories, Issues and Practices**4 credits**

This course is designed to explore nursing and its claim to professionalism. The learner will work to define nursing, to compare the characteristics of a profession to the current state of nursing while addressing issues and current practices. The learner will then relate how these things affects the learner's own practice. Each learner will be challenged to determine whether nursing is a profession and to defend that position. Developing a personal philosophy of nursing will be an integral part of this course.

403. Legal Issues in Nursing Seminar**2 credits**

This course will focus on nursing actions that lead to acts of omission or commission that create legal difficulty for the registered nurse practitioner. A seminar format will be used to discuss legal issues and to review legal proceedings for actual or fictitious court cases. Learners will be expected to participate in a mock deposition and court trial.

404. Statistics for Health Care Research**3 credits**

This course is designed to assist the learner to understand the statistical techniques most commonly reported in the research literature in the health professions. Mathematical calculations are required and computer printouts and examples from the literature are used to demonstrate specific techniques.

405. Complementary Therapies in Nursing & Medicine**2 credits**

This seminar course will focus on the multitude of complementary therapies found in today's health care arena. The focus will be on how the holistic nurse can assist a client who wishes to combine traditional and alternative, yet complementary therapies. Therapies will include, but are not limited to: Guided Imagery, Healing and Therapeutic Touch, Stress Management, Body/Mind/Spirit Wellness, and the use of natural vitamins, minerals, herbs, and other nutritional supplements.

406. Applied Nursing Research**3 credits**

This course is designed to provide an introduction to investigative study and research methodologies. The course focuses on the reading, critiquing and utilization of nursing research in clinical practice via a review of institutional policies, procedures or protocols and research studies related to these.

407. Leadership and Management in the Workplace 3 credits

This course reviews the skills and characteristics needed for managing others in an ever-changing health care climate. A major focus for this course is the development of personal qualities of effective leadership and management in the workplace. A professional portfolio is developed during this course and maintained by learners as they progress through the program.

408. Family and Community Health for Non-Nursing Majors 3 credits

This course examines the impact of family interactions on school age children and adolescents in home, school, and community settings. Growth and development, human needs, health promotion/illness prevention, and existing health problems are addressed for each school-age group. Health and welfare concerns of the students in the classroom are reviewed by a variety of individuals with expertise in school settings.

409. Community as Client 5 credits

This course has at its core, the synthesis of nursing practice and public health practice as it applies to promoting and preserving the health of a specific, identified community. Learners will work with aggregate groups to identify community problems. The learners will focus on primary and secondary care and after assessing a community's needs, propose a plan to address the needs of the identified community.

410. Community as Client - Clinical Component 3 credits

The learner, refining, implementing and evaluating the proposed plan from the Community as Client course, will utilize primary and secondary prevention activities to promote the health of the aggregate group. The clinical practice in this course will be general and comprehensive with the chief responsibility being to the identified community as a whole.



A nursing student completing volunteer hours at Jasper County Hospital.

Philosophy courses are designed to meet the needs of three classes of students: a) those wishing to approach liberal education through philosophy; b) those desiring an intensive study of philosophy preparatory to graduate study in some other field, e.g., law, theology or education; and c) those seeking preparation for a career as teacher or writer in philosophy.

ELECTIVES: Any 12 credits from Philosophy or Religion.

MINOR IN PHILOSOPHY (18 credits)

REQUIRED: 2 courses (6 credits)

101 Introduction of Philosophy

421 Metaphysics

ELECTIVES: Any 12 credits in Philosophy.

COURSE DESCRIPTIONS

101. Introduction of Philosophy

3 credits

This course provides a general introduction to the method, history, and topics that comprise the discipline of Philosophy. The course introduces students to topics that include philosophical method (logic), ethics, epistemology, metaphysics, political philosophy, and philosophy of religion. Students will develop their skills for reading philosophical texts critically and will learn to reflect on many of the most fundamental questions about themselves as humans, their relationships to others, and to God.

111. Philosophy of Human Nature

3 credits

A study of the nature of being human and the meaning of human existence. The course asks why and how people philosophize. Philosophers' answers to these questions will be presented and discussed.

112. Introductory Logic (POL 112)

3 credits

This course investigates the forms of valid reasoning in the classical as well as in the modern symbolic systems of logic. The classical logic of the syllogism is covered via the Venn diagram method. Symbolic logic involves the propositional calculus, the logic of predicates and classes, and formal proofs of validity-invalidity. The treatment of induction emphasizes scientific method and the logical concept of probability. The aim of the course is both theoretical and practical; it aims at developing the student's ability to think clearly and rigorously and to understand the rules for such thinking.

121. Philosophy of Religion (REL 121)

3 credits

This is the departmental introduction to the study of religion. Emphasis is placed on human experience of the divine and seeks to awaken an awareness of the diversity of the human response to the concept of the divine.

142. Christian Bioethics (REL 142)

3 credits

This course examines significant issues in contemporary biomedical ethics. Students learn the major theological/philosophical principles employed by bioethicists and application of these principles to important cases. Students discuss current issues in contemporary health care within the context of the Christian perspective of respect for the dignity of human persons. The central question of the course is whether certain actions and practices affecting human life and health are consistent with an understanding of human beings as created in the *image and likeness of God*.

152 Philosophy

221. Ancient Philosophy (POL 221)

3 credits

A study of the philosophic thought and work of Plato and Aristotle as well as the thought and work of their predecessors. Selected Platonic dialogues and selections from the major works of Plato's best student, Aristotle, will be the focal point of examinations and discussion.

222. Medieval Philosophy

3 credits

A study of the philosophic thought and work of Augustine, Bonaventure and Thomas Aquinas as well as the thought and work of their contemporaries. Selections from the major works of Augustine, Bonaventure and Thomas Aquinas will be the focal point of examination and discussion.

231. Modern Philosophy

3 credits

A study of the period from 1600 to 1900 when the distinction between philosophy and the specialized disciplines arose. Special emphasis is placed upon Descartes. Locke (or Hume), Kant, Hegel and reactions to Hegelianism. This course provides important background material for Philosophy 342, 422, 433 and 434. Historically, it leads to Philosophy 232.

232. Contemporary Thought

3 credits

A survey of the principle currents of thought in the western world since 1900. The course will examine existentialism and the other, major philosophical schools of thought (Marxism, Pragmatism, Positivism, and Linguistic Analysis). Correlations between philosophic thought and the politics, scientific theories, art, and literature of the times will be studied. Especially recommended to English and history majors.

341. Traditional Political Philosophy (POL 341)

3 credits

A study of the perennial problems of political and social life, centering on law, justice, equality, the common good, and power, as seen by the Presocratics, Plato, Aristotle, the Stoics, Augustine, Thomas Aquinas, and including modern restatements by Christian thinkers and others.

342. Modern Political Philosophy (POL 342)

3 credits

In this course students examine and evaluate the ideas of significant political philosophers of the modern period. Seminal works by Machiavelli, Hobbes, Locke, Rousseau, Mill, Marx, Nietzsche and others are included. Students also discuss related contemporary political controversies.

348. Epistemology: Problems of Knowing

3 credits

A study of how to judge a human being's claim to know the truth. In general, what can be claimed about the nature and the scope of human knowledge? In particular, what is the truth value of each of the various sorts of human knowledge -- e.g., as expressed in moral and aesthetic claims? This course attempts a radical synthesis of the methods of knowing implicit in the Core Program.

355. Independent Study

1-3 credits

358-359. Great Thinkers

6 credits

An advanced study of enduring philosophic interest. The course's content is determined by the interests of the members of the department, the general faculty, and the students. Specifics are announced as the course is scheduled.

421. Metaphysics

3 credits

A search for the ultimate explanation of being human in the world in which we live; an inquiry into the changing, acting and existing that we experience in ourselves and in the world. Special emphasis is placed upon the relevance of metaphysical conclusions to human living.

422. Ethics: Problems of Acting

3 credits

An inquiry into the nature, the problems, the methods of ethics and theories of the good. Special attention is given to aiding students to clarify for themselves their own lived values.

433. Phenomenology & Behavioral Science (PSY 433)

3 credits

An introduction to the basics of phenomenology, with special emphasis on the model of being human, the theory of knowledge and the understanding of science as elaborated by Edmund Husserl and his disciples. The revolutionary developments which phenomenology has brought about in psychology and sociology are also studied. **Prerequisite: PHL 101 or PHL 111 or PSY 110.**

434. Philosophy of Law (POL 434)

3 credits

An analysis and evaluation of the principle theories on the nature and the purpose of law currently taught in the great law schools of the United States: natural law, legal positivism, and legal realism or sociological jurisprudence. Through critical discussion of these theories and some of their practical and contemporary consequences, students are encouraged to formulate their own philosophy of law. Especially recommended to pre-law and political science students.

458-459. Great Issues in Philosophy

6 credits

An advanced study of themes of enduring philosophic interest. The course's content is determined by the interests of the members of the department, the general faculty, and the students. Specifics are announced as the course is scheduled.

PHYSICAL EDUCATION

Courses in physical education are designed to provide sound theory and practical application in a two-phased program (Phase I: Teacher Preparation; Phase 2: Non-School based physical education). The curriculum acquaints students with professional skills, techniques and competencies while attending to their cognitive, psychomotor and affective development. Teacher preparation (Phase 1) includes K-12 and 6-12 certification programs. Non-school-based physical education (Phase 2) provides for preparation in health club/wellness management, athletic sales, recreation/leisure and a designer structured major.

NON-TEACHING MAJOR IN PHYSICAL EDUCATION (36 credits)

REQUIRED: 7 courses (19 credits)

PE 111 History & Philosophy of PE	PE 327 Physiology of Exercise
PE 221 Kinesiology	PE 222 Basic Athletic Training
PE 112 Organization & Administration of PE, Athletics & Intramurals	
BIO 121 & 122 Human Anatomy & Physiology	

ELECTIVES: 17 credits in Physical Education after consultation with advisor.

NOTES: Majors must earn 12 participation points accumulated as follows:

3--in a varsity sport as a player	3--as a trainer, manager or captain
3--as an intramural assistant	5--as a student coach
3-5--on/off-campus in a supervised phys educ, recreational, or health program.	

Any student entering Saint Joseph's from a Junior college or transferring from another four-year college, will be given equivalent points for previous participation.

MINOR IN PHYSICAL EDUCATION (18 credits)

REQUIRED: 4 courses (10 credits)

PE 111 History & Philosophy of PE
PE 112 Organization & Administration of PE, Athletics & Intramurals
BIO 121 & 122 Human Anatomy & Physiology

ELECTIVES: 8 credits in Physical Education after consultation with advisor.

MINOR IN ATHLETIC TRAINING (26 credits)

Undergraduate preparation for most Commission on Accredited Allied Health Education Programs (CAAHEP) accredited Master's degree programs in athletic training. *Students majoring in Physical Education may not minor in Athletic Training.*

REQUIRED: 9 courses (26 credits)

PE 328 Therapeutic Modalities & Exercise	PE 224 First Aid OR PE 127 Int Swim
PE 327 Physiology of Exercise	PE 323 Advanced Athletic Training
PE 221 Kinesiology	PE 326 Org & Admin of Health Educ
PE 222 Basic Athletic Training	BIO 121 & 122 Human Anat & Phys

Electives Recommended:

PSY 110 Intro to Psychology	PE 216 Nutrition
PE 325 Measurements in Health and Physical Education	

COURSE DESCRIPTIONS**111. History and Philosophy of Physical Education 2 credits**

A basic course presenting a critical evaluation of social, economic, and political forces associated with the development of physical education throughout its history, and introducing the student to the fundamental facts and principles associated with motivation, program, instruction, supervision, administration, and evaluation in the field of physical education.

112. Organization and Administration of Physical Education, Athletics and Intramurals 2 credits

Addressing or developing a philosophy based upon institutional policy and client needs relative to the administration of public or private programs. Emphasis upon historic contributions and directed toward scientific application(s) of theory 21st century scenarios.

113. Gymnastics and Rhythmic Exercises 2 credits

Tumbling, floor and kinesthetic exercises, and fundamentals of rhythm relating to Core I concept of selfness. Introduction to computer software and utilization of biofeedback experiments.

114. Advanced Gymnastics 2 credits

Use of apparatus to develop teaching/coaching/judging competencies. Emphasis on all-round routines, previewed by the learning of individual stunts.

118. Driving Range Instruction 3 credits

Methods and techniques employed in Behind the Wheel instruction including: tracking, turns, parking and turnabouts with a special emphasis in accident avoidance; all in a controlled environment. **Departmental approval required.**

119. Traffic Safety and Risk Management 3 credits

The course is designed to prepare teachers in methods, materials and administrative techniques related to effective driver education in the secondary schools. The course will include consideration of the areas of vehicle capabilities and limitation, highway safety regulations and control, and the dynamics of traffic safety. Students are expected to evaluate and adopt PUMA model.

125. Swimming--Water Safety 1 credit

Beginning swimming skills; stroke improvement, rescue and water safety.

127. Intermediate Swimming--Water Safety 2 credits

Intermediate swimming skills. Special emphasis on methods and materials for teaching. Involves lifeguard certification and replaces first aid-CPR.

156 Physical Education

Sport Activities **1 credit each**

These courses emphasize the teaching techniques, knowledge, background, rules, basic fundamentals, game strategy, and the selection and care of equipment for the sport.

150. Sport of Racquetball

151. Sport of Golf

152. Sport of Badminton

153. Sport of Tennis

154. Aerobics(non-dance)
155. Sport of Archery

156. Sport of Bowling

157. Weight Training

158. Rock Climbing

159. Fencing
160. Orienteering

162. Sport of Wrestling

163. Sport of Softball

164. Lacrosse

165. Rugby

166. Sport of Field Hockey

Limit of 4 credits from 150-166 count toward graduation requirements. Physical education majors and minors receive regular letter grades in these courses; all other students receive Pass/Not Pass grades.

215. Activities for Elementary Grades **2 credits**

An overview of dramatic play, games, rhythemics, playground/gymnasium procedures and methods relating to the development of dynamic professional leadership in the area of elementary activities. Emphasis on planning and implementing.

216. Nutrition **3 credits**

Overview of nutrition as it relates to societal needs and available information. The examination of current theories and literature in nutrition as it relates to fitness and health with special emphasis on somatotypical differences and trends.

217. Traditional Folk and Square Dance **2 credits**

A study of singing games, play parties, folk, square and ball room dances, all of which have set formations, step movements and sequences with emphasis in teaching methods and techniques.

219. Creative Movement and Dance **2 credits**

Body movement as a medium of expression and communication; techniques and composition in dance; methods and materials for teaching creative movement in elementary and secondary schools.

221. Kinesiology **3 credits**

The study of human motion. The course covers a basic analysis of human movement through a study of mechanical principles and the functions of muscles, levers and neuro-muscular controls. This includes an analysis of movements involved in various sports with emphasis on proper movements and identification of the causes of errors in performance. **BIO 121, 122 or Departmental approval required.**

222. Basic Athletic Training **3 credits**

This course focuses on the basic aspects of athletic training, accomplished through lecture and laboratory experiences. The basic athletic training student will gain knowledge in the following areas: prevention, recognition and care of athletic injuries; physical conditioning; medical nomenclature; evaluation of padding and protective devices; basic taping and rehabilitation principles. **BIO 121, 122 or Departmental approval required.**

224. First Aid **2 credits**

A comprehensive study of principles and procedures of first aid treatment for sudden illness and accidents. Guidelines shall follow the American Red Cross model(s). Comprehensive certification may be available; these are to be agreed upon during the first week of classes. Materials fee.

226. Advanced Swimming--Water Safety **3 credits**

Advanced swimming skills. Involves WSI and LGI certification.

230. Coaching of Basketball **2 credits**

Theory and practice of the fundamentals of basketball. A study of the history, rules, strategy, styles of play, organization of practice, individual and team conditioning, officiating and other coaching problems connected with this sport.

232. Coaching of Volleyball **2 credits**

Theory and practice of the fundamentals of volleyball. A study of the history, rules, strategy, styles of play, organization of practices, individual and team conditioning, and other coaching problems connected with the sport.

233. Coaching of Baseball **2 credits**

Theory and principles of the fundamentals of baseball. A study of the history, rules, strategy, organization of practice, individual and team conditioning.

234. Coaching of Track and Field Events **2 credits**

Theories and principles of the fundamentals involved in track and field events. A study of the rules, history, organization of practice, individual and team conditioning, administration of program, facility layout, program of maintenance, and officiating.

235. Coaching of Football **2 credits**

Theory and practice of the fundamentals of football. A study of the history, rules, strategy, styles of offense and defense, organization of practice, individual and team conditioning, officiating and other coaching problems involved in this sport.

238. Coaching of Interscholastic Sports **3 credits**

A study of the philosophy of coaching, strategy and styles of play, organization of practice periods, individual and team conditioning, situational leadership models, handling of emergencies, and management of sports.

240. Recreation Field Experience **1-3 credits**

A planned excursion into Recreation via: camping experience, nature study, series, or a combination of active/passive activities. **Project acceptance by Academic Dean and Physical Education Staff required.**

241. Leisure and Recreation **3 credits**

Bimodal emphasis providing broadest possible understanding of worthy and productive use of leisure time. Designed to develop professional leadership and to maximally inform consumer.

158 Physical Education

243. Officiating Sports

2 credits

Special officiating consideration shall be given to a number of sports; emphasis shall be placed upon knowledge, interpretation and mechanics. Sports covered may include, but are not limited to: basketball, volleyball, soccer, and other(s) agreed upon during the first week of classes.

261. Coaching of Soccer

2 credits

Theory and fundamentals relative to the coaching of soccer. A study of the history, rules, strategies, components of offense and defense, organization of practices, conditioning and application to all-age populations.

320. Behind the Wheel Instruction

3 credits

This course is designed to provide laboratory experience in "behind-the-wheel" instruction. The course will include a sequence of activities and drills necessary in the dual control instructional automobiles, a familiarity with the use of classroom simulators, computer instruction, and testing procedures for safe driving techniques. **Departmental approval required.**

323. Advanced Athletic Training

3 credits

This course focuses on the advanced aspects of athletic training, accomplished through lecture and laboratory experiences. The advanced athletic training student will gain knowledge in the following areas: advanced injury recognition, taping procedures and rehabilitation; diet; drug education; budget and supplies; facility design; physical therapy modalities; history and code of ethics of N.A.T.A. **Departmental approval required.**

324. Psychology of Coaching

3 credits

A study of the psychological and social forces which have impacted relationships among: coaches, performers and spectators, and the effect(s) of those relationships on human behavior. **Prerequisite: PSY 110 or department approval.**

325. Measurements in Health and Physical Education

3 credits

A study of measurement and evaluation as applied to health, physical education, and recreation. Principles of test construction, types and characteristics of individual and group tests, application of such tests to school populations and evaluation of results. Includes computer applications.

326. Organization and Administration of Health Education

3 credits

This course is designed to prepare students for their role as health educators and to develop administrative skills for the coordination of the school health/wellness program in conjunction with community health agencies and services. It provides a comprehensive knowledge base of the health/wellness continuum from birth to death including all mental and physical deterrents to optimal health which confronts the school age population. Provides curriculum development K-12 and includes: stress management/coping mechanisms, substance abuse, STDs, HIV/AIDS, and issues germane to specific cultural needs within school populations.

327. Physiology of Exercise**3 credits**

A study of the physiological functions of the body designed to provide the student with a basic understanding of the physiological principles underlying the processes that are so important to physical fitness and athletic performance. "Hands-on" client experience(s) provided in Wellness Maintenance Laboratory. **Departmental approval required.**

328. Therapeutic Modalities and Exercise**3 credits**

This course focuses on the theory, principles, and practice of the healing and physical restoration of the injured athlete. Knowledge will be gained in the areas of rehabilitation of injuries, treatment techniques, the use of physical agents, and different techniques used to help promote the body's healing process. Course topics will be covered through lecture and laboratory experiences. **Prerequisite: BIO 122.**

455. Independent Study**1-3 credits****490. Internship****3-9 credits**

Athletes stretching before practice.

PHYSICS

Physics courses offered are designed to help the student attain: 1) an understanding and appreciation of the fundamental laws of nature; 2) preparation for work in graduate and professional schools, and secondary teaching; 3) facility in the use of physics as a tool in engineering and sciences such as biology, geology, and chemistry.

MINOR IN PHYSICS (18 credits)

ELECTIVES: Any 18 credits in Physics.

COURSE DESCRIPTIONS**121. Mechanics and Heat****4 credits**

This course is an introduction to classical physics. It covers Kinematics: force, motion, energy, momentum and rotational motion. It also treats fluids, heat, and sound. Lab fee.

Prerequisite: MTH 125.

122. Optics, Electricity and Atomic Structure**4 credits**

This course is a sequel to Physics 121. It studies electricity and magnetism, light and optics, and it briefly sketches some selected topics in Modern Physics. Lab fee. **Prereq:** PHY 121, MTH 125.

231. Electricity and Magnetism**4 credits**

This course covers basic electrical engineering. Topics covered include circuit theory, DC and AC transient and steady state response of RLC circuits, differential equations and Laplace transform methods. In addition, magnetic circuits, electrical machines and feedback control systems are treated. A major emphasis is on problem solving. Lab fee.

Prereq: PHY 122 , MTH 126.

233. Statics**3 credits**

This course treats the fundamental principles of statics, forces, couples, system equilibrium, stresses and strains, area moment of inertia and topics in strength of materials. Engineering applications are emphasized. **Prerequisites:** PHY 122 , MTH 126.

234. Dynamics**3 credits**

This lecture course deals with translation, rotation, plane motion, motion of particles and systems of particles, momentum and periodic motion. **Prerequisite:** PHY 233.

236-237. Modern Physics**6 credits**

These lecture courses deal with topics in Physics that have been discovered since 1900. They include special relativity, wave and particle characteristics of matter, the Bohr model of the atom, atomic structure, nuclear structure and reactions, elementary particles, and solid-state Physics. Topics in astrophysics and cosmology are also briefly outlined. **Prerequisites:** PHY 122 , MTH 126.

246. Electronics**4 credits**

The topics cover semiconductor physics, diodes, transistors, amplifiers, negative and positive feedback, operational amplifiers, digital and switching circuits, integrated circuits and microprocessor fundamentals. Engineering applications are emphasized. The design and construction of a practical electronic device is a course requirement. Lab fee. **Prerequisite:** PHY 122.

255. Independent Study**1-3 credits**

POLITICAL SCIENCE

The Political Science major offers students an opportunity to gain a systematic understanding of the role of government and political behavior in human societies of the past and present. Such understanding is an important element of a modern college education and contributes significantly to professional and civic judgment. Concentration in political science serves as an appropriate undergraduate preparation for the teaching or practice of politics, the entry into law school, government, business, teaching or the foreign service.

MAJOR IN POLITICAL SCIENCE (37 credits)

REQUIRED: 6 courses (19 credits)

- | | |
|-----------------------------|----------------------------------|
| 101 American Politics | 104 Political Theory |
| 102 Comparative Politics | 225 Statistics |
| 103 International Relations | 401 Seminar in Political Science |

Choose 3 credits from:

- | | |
|------------------------|------------------------------|
| 112 Introductory Logic | 323 Argumentation and Debate |
|------------------------|------------------------------|

Students must also specialize in two of the following three subfields. One subfield, from which the students will choose three courses (9 credits), will constitute the student's primary subfield. The second subfield, chosen by the student, will constitute the student's secondary subfield. Six credits must be taken from this subfield.

American Politics Subfield

- | | |
|--|-----------------------------|
| 204 Topics in Constitutional Law | 304 Presidency and Congress |
| 403 Constitutional Law -- The American Community | 405 Policy Analysis |
| 404 Constitutional Law -- The Bill of Rights | |

Comparative and International Politics Subfield

Choose 6 credits (3 if secondary subfield) from:

- | | |
|---------------------------------------|---------------------------------------|
| 209 U.S. Foreign Policy | 406 Human Rights |
| 310 Women in Politics and Development | 407 International Law & Organizations |
| 312 International Finance | |

Choose 3 credits from:

- | | |
|------------------------------|----------------------------|
| 242 Latin American Politics | 343 History of Modern Asia |
| 282 Twentieth Century Europe | 345 Modern Middle East |

Political Theory Subfield

- | | |
|--------------------------------------|---------------------------------|
| 221 Ancient Philosophy | 342 Modern Political Philosophy |
| 341 Traditional Political Philosophy | 434 Philosophy of Law |

MINOR IN POLITICAL SCIENCE (18 CREDITS)

REQUIRED: 4 courses (12 credits)

- | | |
|--------------------------|-----------------------------|
| 101 American Politics | 103 International Relations |
| 102 Comparative Politics | 104 Political Theory |

In addition, students must take two courses (6 credits) of Political Science electives; these courses must be taken from two different subfields (see major).

COURSE DESCRIPTIONS

101. American Politics

3 credits

A study of the formal and informal institutions of American national government and politics: The Constitution, the Presidency, Congress, the federal court system, political parties, pressure groups, public opinion, recent foreign policy, the federal bureaucracy, voting behavior. Attention is also given to current problems and issues.

102. Comparative Politics

3 credits

A comparison of modern political life in different types of societies. Similarities, differences, and alternative explanations of the patterns of modern politics are evaluated.

103. International Relations

3 credits

An examination of the modern context of international relations: nationalism, imperialism, power politics, the evolution of supranational forms of political organizations, and the politics of international security, global trade, and international law. Major power shifts of the 1990s will guide discussion about the future prospects for international conflict and peace.

104. Political Theory

3 credits

An analysis of a number of concepts and ideas through a consideration of the work of such authors as Ayn Rand, Elie Wiesel, Albert Camus, Upton Sinclair, Ursula Le Guin, Arthur Koestler, and Aldous Huxley.

112. Introductory Logic (PHL 112)

3 credits

This course investigates the forms of valid reasoning in the classical as well as in the modern symbolic systems of logic. The classical logic of the syllogism is covered via the Venn diagram method. Symbolic logic involves the propositional calculus, the logic of predicates and classes, and formal proofs of validity-invalidity. The treatment of induction emphasizes scientific method and the logical concept of probability. The aim of the course is both theoretical and practical; it aims at developing the student's ability to think clearly and rigorously and to understand the rules for such thinking.

204. Topics in Constitutional Law

3 credits

A concentrated analysis of the work of the United States Supreme Court in a specific area of law. In addition to the work of the Court, students in this class are also exposed to a large number of extra-legal analyses of the areas under consideration.

209. U.S. Foreign Policy (HST 209)

3 credits

A survey of the major ideas, factors, and decisions that have and continue to shape U.S. foreign policy. The course includes in-depth analysis of several challenges and decisions facing current foreign policy makers.

221. Ancient Philosophy (PHL 221)

3 credits

A study of the philosophic thought and work of Plato and Aristotle as well as the thought and work of their predecessors. Selected Platonic dialogues and selections from the major works of Plato's best student, Aristotle, will be the focal point of examinations and discussion.

225. Statistics (PSY 225; SOC 225)**4 credits**

An introduction to statistical methods covering data description, graphing techniques, measurement scales, standardized scores, correlation, regression, elementary probability, repeated measures and independent-groups t-tests, one way and factorial analysis of variance, chi-square, and general non-parametrics. The approach to these topics is more conceptual than numerical or mathematical. A prior knowledge of junior high school algebra is strongly encouraged.

242. Latin American Politics**3 credits**

This course is an introduction to the cultural, social, and economic origins of modern Latin American political systems. Part one of the course will trace the origins of Mexico, the Caribbean, Central America, and South America from Spanish and indigenous origins through colonization and independence. Part two of the course will focus on authoritarian and democratic regimes from 1945 to the present.

282. Twentieth Century Europe**3 credits**

A survey of 20th century Europe focusing on political, social, economic, and cultural changes from Britain to Russia (former USSR) with emphasis on the two world wars, the Cold War, and the European Economic Union.

304. The Presidency and Congress**3 credits**

An examination of the evolution of the Presidency and Congress from Independence to the present.

310. Women in Politics and Development**3 credits**

A survey of women worldwide who are involved in processes of change. A review of the literature and appropriate methodologies serve as the framework. Over 60 case studies are examined. Topics of study include women in the world political economy, resistance politics, formal political structures, human rights, and sustainable development.

312. International Finance (ECN 312, FIN 312)**3 credits**

An introduction to international trade and international financial markets. The trade component covers comparative advantage, tariffs, and the benefits and costs of increasingly open global trade. The markets component covers topics on balance of payments, foreign currency markets, hedging with forwards, futures and options, and special considerations for businesses conducting international trade.

323. Argumentation and Debate (COM 323)**3 credits**

The study of argumentation techniques used in formal and content debating, preparation of the brief, strategy, use of evidence, affirmative and negative structure on current and national issues. **Prerequisite: Core 4.**

341. Traditional Political Philosophy (PHL 341)**3 credits**

The perennial problems of political and social life, centering on law, justice, equality, the common good, and power, as seen by the Presocratics, Plato, Aristotle, the Stoics, Saint Augustine, Saint Thomas Aquinas, and including modern restatements by Christian thinkers and others.

164 Political Science

342. Modern Political Philosophy (PHL 342) 3 credits

In this course students examine and evaluate the ideas of significant political philosophers of the modern period. Seminal works by Machiavelli, Hobbes, Locke, Rousseau, Mill, Marx, Nietzsche and others are included. Students also discuss related contemporary political controversies.

343. History of Modern East Asia (HST 343) 3 credits

A survey of the historical development of Asia and East Asia in the 18th through 21st centuries with a focus on local patterns of societal, cultural, economic, and political development, with special attention paid to China, Japan, Korea, and Vietnam.

345. Modern Middle East (HST 345) 3 credits

A survey of the major developments in the Middle Eastern countries between Libya in the West and Iran in the East with a major emphasis on late 19th and 20th century trends.

401. Seminar in Political Science 3 credits

Builds on classes the student has taken in the discipline and the College's Core Program by emphasizing reflective assessment and the development of an original research proposal. **Junior or Senior standing.**

403. Constitutional Law--The American Community 3 credits

An examination of Supreme Court decisions concerned with the separation of powers, federalism, the regulation of commerce contracts, taxing and spending, and the state police power.

404. Constitutional Law--The Bill of Rights 3 credits

An examination of Supreme Court decisions concerned with the definition of American rights in the areas of freedom of speech, press, assembly, association, and religion; church-state relations; racial discrimination; political radicalism and subversion; procedures in criminal prosecution.

405. Policy Analysis 3 credits

An introduction to theories of policy making, policy evaluation, policy implementation, agenda setting, etc., through an analysis of government and private activity in such areas as foreign policy, school desegregation policy and housing policy.

406. Human Rights 3 credits

An investigation of human rights practices and violations worldwide with a focus on the theoretical foundations of human rights claims.

407. International Law and Organizations 3 credits

A study of the origins, relevance, and potential of international law and organizations. Areas such as human rights, international criminal law, environmental law, women's rights, and organizations such as the United Nations, International Monetary Fund, World Trade Organization and non-governmental organizations are covered.

415. Topics in Political Science 3 credits

434. Philosophy of Law (PHL 434)**3 credits**

An analysis and evaluation of the principle theories on the nature and the purpose of law currently taught in the great law schools of the United States; natural law, legal positivism, and legal realism or sociological jurisprudence. Through critical discussion of these theories and some of the practical and contemporary consequences, students are encouraged to formulate their own philosophy of law. Especially recommended to pre-law students.

455. Independent Study**1-3 credits**

This class provides students with an opportunity to develop an original research program with consent of the instructor. While students are encouraged to register for Independent Study, the course cannot be counted toward progress in the major or minor.

490. Internship**3-9 credits**

Students are strongly encouraged to consider the possibility of obtaining practical experience in a political organization/institution of their choice. Organizations with an international or domestic focus might be considered by the student. Faculty support is available for arranging internship credits. Up to nine credits can be earned for the internship. Internship credits can be taken as part of the student's general college electives and cannot be counted toward progress in the major or minor.



*Members of the
Mock Trial team
preparing their case
before trial.*

PSYCHOLOGY

Psychology is a field of inquiry that is sometimes defined as the science of mind, sometimes as the science of behavior. It concerns itself with how and why organisms do what they do. The phenomena that psychology takes as its province cover an enormous range. Some border on biology, others on social sciences such as anthropology and sociology. Fundamentally, psychology concerns itself with four major topics or questions: action (What is it that organisms do and how do they do it?), learning (What do organisms know and how do they come to know it?), social behavior (What influences do social interactions have on the individual's actions, motives, thoughts, and knowledge?), and, individual differences (How and why do individuals differ in their actions, cognitions, and social behaviors?).

A major in psychology is an appropriate preparation for a wide range of vocational paths. Psychology majors have traditionally been able to pursue advanced degrees in areas other than psychology (e.g., law, medicine, literature, journalism, business administration, organizational behavior, etc.) as well as in any of the specialized areas within psychology proper (e.g., clinical, counseling, school, industrial, experimental, etc.). Psychology majors have also traditionally been able to secure immediate employment in a wide range of careers outside mainstream psychology (e.g., business administration, management, human service provision, education support positions, and research and development positions) as well as in more traditional psychological positions (e.g., case worker, social worker, guidance counselor, vocational placement specialist, social service provider).

The early childhood minor is open to non-education department students. It is designed to provide knowledge, theory, and practical experience to those students interested in pursuing careers working with young children or graduate study about young children. Field experience placements will be in local social service agencies.

MAJOR IN PSYCHOLOGY (44 credits)

REQUIRED: 14 courses (44 credits)

110 Intro to Psych	216 Social Psych	326 Theories of Counseling
119 Marriage & Family	225 Statistics	335 Measuremnt & Evaluation
125 Theories of Personality	237 Physiological Psych	446 Systems & Theories
212 Experimental Psych	324 Abnormal Psych	448 Professional Seminar
123 Developmental Psych	OR 124 Child and Adolescent Development	
238 Learning & Memory	OR 239 Cognitive Psych	

MINOR IN PSYCHOLOGY (18 credits)

REQUIRED: 1 course (3 credits): 110 Intro to Psychology

Choose 3 credits from:

- 120 Human Sexuality
- 232 Sensation & Perception
- 237 Physiological Psychology

Choose 3 credits from:

- 125 Theories of Personality
- 324 Abnormal Psychology
- 326 Theories of Counseling

ELECTIVES: Any 3 credits in Psychology

Choose 3 credits from:

- 119 Marriage & Family Life
- 134 Industrial & Organizational Psych
- 216 Social Psychology

Choose 3 credits from:

- 238 Learning & Memory
- 239 Cognitive Psychology
- 446 Systems & Theories in Psych

MINOR IN EARLY CHILDHOOD (18 credits) FOR NON-EDUCATION MAJORS

REQUIRED: 3 courses (9 credits)

110 Intro to Psychology 124 Child and Adolescent Development
447 Seminar in Applied Developmental Psychology

Choose 9-10 credits; at least one course from each area:

<i>Education(Early Childhood sections)</i>	<i>Psychology and Nursing</i>
EDC 121 Literacy Learning Envrnmnts	PSY 119 Marriage & Family Life
EDC 211 Interdisciplinary Inquiry	PSY 231 Multimedia Educ Early Chldhd
EDC 221 Instructional Strategies	PSY 326 Theories Counseling & Psychothrpy
EDC 322 Curriculum Theory	NUR 408 Family & Community Health Thry

COURSE DESCRIPTIONS**098. Concepts of Learning Proficiency****1 credit**

Students will explore a model of learning that consists of four major components: characteristics of the learner, the nature of the material, the nature of the assessment tasks, and the activities of the learner. Students will be encouraged to think critically of their role as a student/learner. The course will also provide students with a thorough knowledge of study skills, techniques, and guidelines by which to use them. This course credit does not apply toward a major or minor requirement in psychology.

101. Lab in Alcohol Education**1 credit**

A broadly based course which covers the following: human nutrition, use and abuse of drugs and alcohol, homeostasis, sexuality, stress, aging, exercise physiology and changing lifestyles, cancer and radiation, disease and the immune system, heart disease, and human genetics.

110. Introduction to Psychology**3 credits**

An introductory survey of the methods, findings, and theories of modern psychology. Areas discussed include: physiological psychology, sensation and perception, learning, motivation, human development, personality, abnormal behavior, therapy methods, and social behavior.

116. Psychology of Personal Adjustment**3 credits**

This course focuses on the factors that influence one's interpersonal effectiveness and satisfaction with life. Self-knowledge and personal application of psychological principles are stressed. Topics covered include: personal growth, intimate relationships, career decision making, loneliness, death, and values clarification.

119. Marriage and Family Life (SOC 119)**3 credits**

A review of the social-cultural factors that shape the nature of courtship, marriage, and family relationships. Special emphasis is placed on changes in contemporary Western societies. The dynamics of marriage and family life are discussed in detail. Self-actualization of individual family members, communication within the family, and task-orientation are taught as skills.

168 Psychology

120. Human Sexuality

3 credits

The major objective of this course is to promote an informed acceptance of one's own sexuality and that of others through a thorough examination of what is now known on the subject. The course focuses on the widely varying range of emotions, attitudes, and behavior that are associated with one's understanding of one's own sexual anatomy and physiology and that of others.

123. Developmental Psychology

3 credits

This course will study human development from conception to death. The development of human intellectual, emotional, social and psychological processes will be considered as well as certain aspects of physical development. **Prerequisite: PSY 110.**

124. Child and Adolescent Development

3 credits

This course will focus on the development of children and adolescents and include such topics as physical growth and the development of cognitive, social, emotional and intellectual processes. **Prerequisite: PSY 110.**

125. Theories of Personality

3 credits

This course is a survey of the major theories that have influenced contemporary thought on the subject of personality. Personality theory itself is viewed as a way of understanding the behavioral consistency an individual exhibits from one situation to another, as well as the behavioral inconsistency a given individual often exhibits. **Prerequisite: PSY 110.**

134. Industrial and Organizational Psychology

3 credits

This course studies the application of psychological theories and methods to problems in the work context. Special attention will be given to the effects of organizational manipulations on individual behavior. Topics will include current issues and traditional areas (personnel selection, motivation, job satisfaction, work environment, human performance.) **Prerequisite: PSY 110.**

212. Experimental Psychology

4 credits

An examination of the experimental approach to understanding behavior. Students gain experience designing, conducting, analyzing, and reporting experimental research in psychology through laboratory projects. Typical research topics include such areas as social psychology, learning, etc. Lab fee. **Prerequisites: PSY 110 and 225.**

216. Social Psychology (SOC 216)

3 credits

This course covers material that is at the intersection between Psychology and Sociology. Both of these disciplines take a slightly different yet related approach to the study of social psychology. During this course we will discuss central issues from both Psychological Social Psychology (P.S.P.) and Sociological Social Psychology (S.S.P.). The following topics are covered: Research Methods, Influence, Conformity, Attribution, Attitudes, Authority, Social Influence, Gender, Self, Socialization, Symbolic Interaction, Emotions, Status Characteristics, Social Exchange, and Interdependence. **Prerequisite: PSY 110 or SOC 111.**

225. Statistics (SOC 225; POL 225)**4 credits**

An introduction to statistical methods covering data description, graphing techniques, measurement scales, standardized scores, correlation, regression, elementary probability, repeated measures and independent-groups t-tests, one way and factorial analysis of variance, chi-square, and general non-parametrics. The approach to these topics is more conceptual than numerical or mathematical. A prior knowledge of junior high school algebra is strongly encouraged.

230. Computer Applications in Social Science Research**3 credits**

This course investigates the uses of the computer as a tool in social science research. Topics covered include: history, computer hardware and software, applications in various research settings, programming languages, data collection, data analysis, word processing, and elementary programming. **Prerequisites: PSY 110 and 225.**

231. Multimedia Education for Early Childhood**3 credits**

This course will focus on the use of multimedia technologies in the teaching of art, music, and play to young children and will include supervised experience in working with children. **Prerequisite: PSY 123 or PSY 124.**

232. Sensation & Perception**3 credits**

An introduction to the current theory and research in sensation and perception with special emphasis on visual processes. Topics include sensory discrimination, recognition, attention, and the role of motivation in perception. **Prerequisite: PSY 110.**

237. Physiological Psychology**3 credits**

This course investigates the relationship between the brain and behavior, between physiological functions and behavior. Major emphasis will be placed on understanding the function of the central and peripheral nervous systems and how they relate to areas of motivation, perceptual and motor systems, sleep and wakefulness, language and memory. **Prerequisite: PSY 110.**

238. Learning and Memory**3 credits**

This course will cover the major areas and theories of learning. Issues in classical and operant conditioning will be discussed. Areas in current learning, species-specific behaviors, and preference will also be covered. Part of the course will also be devoted to human learning, memory capacity, and knowledge acquisition. **Prerequisite: PSY 110.**

239. Cognitive Psychology**3 credits**

This course covers the areas of human judgment, problem solving, psycholinguistics, information processing, artificial intelligence, memory, sensation, and perception. **Prerequisite: PSY 110.**

240. Topics in Psychology/Psychological Services**3 credits**

This course is flexible in content, with its focus determined by student and faculty interest, current trends, and departmental needs. Examples of possible topics include counseling, guidance, exceptional individuals, problems of the aged, animal behavior, etc.

170 Psychology

255. Independent Study in Psychology

1-3 credits

A flexibly structured course to allow the advanced student to pursue individual study in a specific area under the supervision of a member of the department.

324. Abnormal Psychology

3 credits

The dynamics of abnormal behavior are studied as the basis for detailed consideration of the neurotic personality, psychosomatic disorders, and behavior deviations. Further topics include the effects of brain injuries and the major psychoses, especially schizophrenia. Considerable attention is given to the specific methods of psychotherapy.

Prerequisite: PSY 110.

326. Theories of Counseling and Psychotherapy

3 credits

This course is a survey of the major theories that have influenced contemporary psychological thought on the subject of psychotherapy. Psychotherapy is viewed as an interpersonal process designed to bring about modifications of feelings, cognitions, attitudes, and behaviors which have proven troublesome to the person seeking help from a trained professional. The basic assumption of the course is that therapeutic skills and attitudes are learned, not endowed. **Prerequisites: PSY 110.**

335. Psychological Measurement and Evaluation

3 credits

This course is designed to study the theory, administration, scoring and interpretation of the standard instruments employed in psychological measurement and evaluation. Emphasis is given, in particular, to the assessment of intellectual ability, aptitudes and achievement, and personality functioning. **Prerequisites: PSY 110 and 225.**

360. Practicum

1-3 credits

The practicum experience is a supervised out-of-class experience with clinical populations that takes place in a psychological care delivery setting. The purpose of the clinical training experience is to provide the environment and opportunity for students to apply their theoretical knowledge, to implement and develop clinical techniques based on this knowledge, and to foster the identity as a psychologist. Evaluation of each student in the clinical field focuses on three areas: theoretical knowledge base, clinical skills, and professional attitudes. **Prerequisites: PSY 123 or 124, 125, 324, 326, Junior or Senior standing.**

390. Field Experience (Internship)

3-9 credits

An assignment of eight to fifteen weeks with an approved organization. Each student will be assigned to a professional supervisor and will carry out a variety of on-the-job tasks. **Prerequisite: Department approval.**

433. Phenomenology and Behavioral Science (PHL 433)

3 credits

An introduction to the basics of phenomenology, with special emphasis on the model of being human, the theory of knowledge and the understanding of science as elaborated by Edmund Husserl and his disciples. The revolutionary developments which phenomenology has brought about in psychology and sociology are also studied. **Prerequisite: PHL 101 or PHL 111 or PSY 110.**

446. Systems and Theories in Psychology**3 credits**

A comprehensive and synthesizing course for upper-level psychology majors or minors. An attempt is made to integrate the entire field of psychology into a meaningful structure. **Prerequisite: 12 credits of psychology.**

447. Seminar in Applied Developmental Psychology**3 credits**

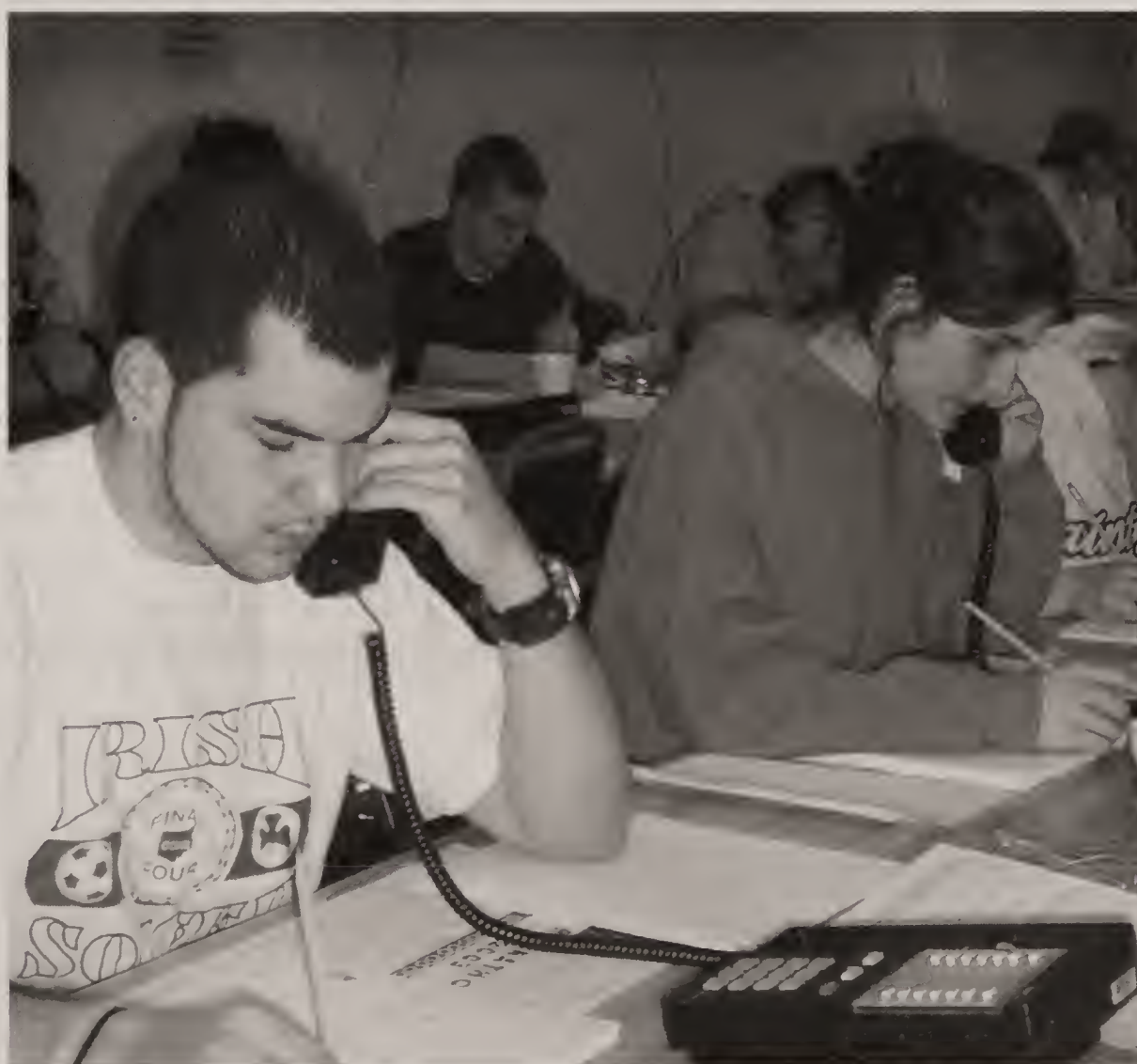
This course will require that students apply in non-laboratory settings the theory of and research in developmental psychology to promote human growth and development. Supervised field experience with children will be a part of the course. **Prerequisites: PSY 123 or PSY 124, Junior or Senior standing.**

448. Professional Seminar**3 credits**

Intensive consideration of student-selected topics led by the students themselves with guidance from the staff. A major project (e.g., a research experiment or literature review) will be required of all students. Also required will be the presentation of said projects in a colloquium setting. Required for graduation of all students majoring in Psychology. **Prerequisite: 24 credits of psychology.**

454. Social Science Seminar (SOC 454)**3 credits**

Intensive consideration of a problem or issue of interest to social scientists. This is an interdisciplinary course in which students interact with faculty and students from other departments in the social sciences and undertake a research project utilizing the methods and perspectives found in their own major discipline. For upper-level students. By invitation only.



*Students manning
the phones at the
2003 Phonathon.*

RELIGION

The study of religion and its impact on our world is an integral part of the liberal education offered by Saint Joseph's College. Every student is required to deal with religious and philosophical concepts throughout the Core Curriculum. As a part of its Catholic identity, the College offers a deeper reflection and study of religion through a combined major with philosophy or a minor in religion.

Religious experience is universally a part of the human condition. The religion minor offers the student the opportunity to study and reflect on the foundational sources and the human response to the Divine through a system of beliefs, worship and morality. Both the Core Curriculum and the religious studies department recognize the importance of dialogue in our contemporary pluralistic world. The study of religion requires an integrative mind, utilizing the natural and humane sciences (psychology, sociology, anthropology, linguistics, etc.) and challenges the student toward an expanded world view.

MAJOR IN RELIGION/PHILOSOPHY (36 credits):

REQUIRED: 8 Courses (24 credits)

PHL 101 - Introduction to Philosophy

PHL 121 - Phil of Religion

PHL 421 - Metaphysics

REL 112 - Christian Scriptures

REL 201 - Moral Theology

Choose one course from each area:

Dogma

REL 231 - Ecclesiology & Ecumenism

REL 232 - Christianity in History

REL 234 - Christology

Worship/Sacraments

REL 331 - Sacraments: Encounter w/God

REL 332 - Worship, Belief & Praxis

REL 333 - Theology & Prac of Ministry

History of Philosophy

PHL 221 - Ancient Philosophy PHL 231 - Modern Philosophy

PHL 222 - Medieval Philosophy PHL 232 - Contemporary Thought

ELECTIVES: Any 12 credits from Philosophy or Religion.

MINOR IN RELIGION (18 credits)

REQUIRED: 3 courses (9 credits):

111 Introduction to Hebrew Scriptures

121 Philosophy of Religion

112 Introduction to Christian Scriptures

ELECTIVES: Any 9 credits in Religion.

COURSE DESCRIPTIONS

111. Introduction to Hebrew Scriptures **3 credits**

This course introduces the student to the study of the Hebrew Scriptures. A principle goal of the course is to become familiar with the various methodologies utilized in contemporary scripture study and to become aware of the major themes in the Hebrew Scriptures.

112. Introduction to Christian Scriptures **3 credits**

This course provides an introduction to the Christian Scriptures utilizing the tools of modern biblical scholarship. One of the goals of this course is to introduce the student to the sources and foundational themes of the Christian faith through a historical critical investigation of the Christian Scriptures.

121. Philosophy of Religion (PHL 121) **3 credits**

This is the departmental introduction to the study of religion. Emphasis is placed on human experience of the divine and seeks to awaken an awareness of the diversity of the human response to the concept of the divine.

142. Christian Bioethics (PHL 142) **3 credits**

This course examines significant issues in contemporary biomedical ethics. Students learn the major theological/philosophical principles employed by bioethicists and application of these principles to important cases. Students discuss current issues in contemporary health care within the context of the Christian perspective of respect for the dignity of human persons. The central question of the course is whether certain actions and practices affecting human life and health are consistent with an understanding of human beings as created in the *image and likeness of God*.

201. Studies in Moral Theology **3 credits**

An examination of Christian morality within its historical, theological, and psychological framework. This course will examine the principles affecting the moral life as a response to the Divine. It investigates themes such as formation of conscience, sin and guilt, grace and salvation, and the historical development of Christian morality. Special attention will be paid to contemporary concerns in Christian morality.

231. Ecclesiology and Ecumenism **3 credits**

A study of the Church through an investigation of several models to assist the student in understanding the nature and role of the church throughout Christian history into contemporary times. There is special emphasis on ecumenical theology.

232. Christianity in History **3 credits**

This course provides a survey of Christian history. Special attention will be given to the methodological concerns of historical investigation. In some cases, a particular historical period may be the focus of the course.

234. Christology 3 credits

An examination of the person Jesus the Christ. Students will be encouraged to investigate the development of the understanding and significance of Jesus through various Conciliar documents, to arrive at their own understanding of Jesus the Christ.

258-9. Religious Thinkers 3 credits

An in-depth study of various major figures in the history of Christianity. This course offers the opportunity for serious investigation of a variety of religious thinkers utilizing interests of department members and student interest.

331. Sacraments: the Encounter with God 3 credits

This course examines the sacraments as privileged ways of encountering God through human experiences of prayer in an assembled community. The relationship of the sacraments to Jesus and the Church will also be examined. Special attention will be paid to growing ecumenical agreement about sacraments.

332. Worship, Belief, and Praxis 3 credits

A study of the expression of Christian worship through art and symbol. There is special concern for the nature and function of worship in Christianity. Attention will also be focused on the interaction of the liturgical life and life in the world.

333. Theology and Practice of Ministry 3 credits

A study of Christian ministry, a theology of ministry, and the contributions to ministry made by other humane disciplines. The role of ordained and lay ministry will be examined as well as assisting the student in beginning to formulate her/his theology of ministry. This course would be recommended for students wishing to participate in some form of Church-related ministry.

355. Independent Study 1-3 credits**358-9. Special Studies in Religion** 1-3 credits

A study in a major religious topic. Courses reflect the interest and research of department members.

391. Ministry practicum 1 credit

Offered in coordination with Campus Ministry, this offers the student an opportunity to reflect theologically on various ministries that the student has experienced, such as: retreats, youth groups, counseling, advocacy, and service work.

392. Liturgy practicum 1 credit

Offered in coordination with Campus Ministry, this offers the student an opportunity to reflect theologically on his or her work with campus liturgies, parish liturgical planning, and other liturgical ministries.

SOCIAL WORK

The social work curriculum is designed to impart the knowledge, values, and skills human service professionals need to work in a variety of practice areas. The training is systematic and begins with the study of introductory concepts. Various types of clients, problems, and methods of addressing those problems are explored. The student's training culminates in supervised field placement experiences based on the student's particular career interest.

Social work graduates are employed in a wide variety of positions. Those who enter policy practice typically serve to educate and mobilize the public around a particular issue such as securing national health insurance for all Americans or repairing the social security system. Often policy practitioners lobby public officials or the courts to change the way social programs are administered and laws are enforced. Those who pursue clinical practice frequently work in the mental health field and provide services to meet community needs such as crisis intervention for clients who have experienced trauma. Other options include probation officer in a corrections setting, a counselor in a substance abuse milieu, a rehabilitation specialist in a center for juvenile delinquents, or as a job coach for the mentally retarded in a sheltered workshop. The career opportunities are as varied as our nation's array of social problems.

MAJOR IN SOCIAL WORK (36-37 credits)

REQUIRED: 10 courses (30 credits)

SWK 110 Intro to Social Work	SWK 310 Practice with Individuals
SWK 210 Contemporary Social Pol	SWK 311 Practice with Families & Groups
SWK 213 Human Diversity	SWK 315 Macro Practice
SWK 301 Human Behavior	SWK 410 Field Placement*
BIO 121 Human Anat & Phys I	POL 101 American Politics

Choose 3 credits from:

SWK 212 Social Work Research Methods	PSY 212 Experimental Psychology
SOC 223 Research Methods	

Choose 3-4 credits from:

PSY/SOC/POL 225 Statistics	ECN 210 Statistics for Business & Economics
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* Students enroll for a minimum of 3 credits of SWK 410 (they can enroll for a maximum of 12 credits)

MINOR IN SOCIAL WORK (18 credits)

REQUIRED: 4 courses (12 credits)

SWK 110 Intro to Social Work	SWK 210 Contemporary Social Pol
SWK 213 Human Diversity	SWK 301 Human Behavior

Choose 3 credits from:

SWK 310 Practice with Individuals	SWK 311 Practice with Families & Groups
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Choose 3 credits from:

SWK 212 Social Work Research Methods	PSY 212 Experimental Psychology
SOC 223 Research Methods	

COURSE DESCRIPTIONS**110. Introduction to Social Work****3 credits**

This course covers the emergence of the social work profession: professional mission, knowledge, skills, values, practice settings, client groups, helping services, career patterns, practice methods. Designed to assist students to consider their interest in and ability for careers in social work.

210. Contemporary Social Policy**3 credits**

Course content provides students with knowledge and skills to understand the major policies and structures that form the foundation of contemporary social welfare services. Students learn to analyze issues in social welfare policy and social service delivery; analyze and apply the results of policy research relevant to social service delivery; understand and demonstrate policy practice skills and use them to influence, formulate, and advocate for policy consistent with social work values.

212. Social Work Research Methods**3 credits**

Qualitative and quantitative research content provides understanding of a scientific, analytic, and ethical approach to building knowledge for practice. The content prepares students to develop, use, and effectively communicate empirically based knowledge, including evidence-based interventions. Research knowledge is used by students to provide high-quality services; to initiate change; to improve practice, policy and social service delivery; and to evaluate their own practice.

213. Human Diversity and Social Work Practice**3 credits**

Content emphasizes the interlocking and complex nature of culture and personal identity. Students are educated to recognize diversity within and between groups that may influence assessment, planning, intervention, and research. Students learn how to define, design, and implement strategies for effective practice with persons from diverse backgrounds.

301. Human Behavior and the Social Environment**3 credits**

Content includes empirically based knowledge that focuses on the interactions between and among individuals, groups, societies, and economic systems. It includes theories and knowledge of biological, sociological, cultural, psychological, and spiritual development across the life span; the range of social systems in which people live (individual, family, group, organizational, and community); and the ways social systems promote or deter people in maintaining health and well being.

310. Practice with Individuals**3 credits**

Utilizing a strengths based systems approach to problem solving, this course introduces students to generalist social work practice and develops a beginning level of ethnic sensitive competence. **Prerequisite: SWK 110.**

311. Practice with Family and Groups**3 credits**

This course emphasizes social work interventions with families and small groups. Covers knowledge, skills, values, and ethics related to social work practice with families and treatment groups, with emphasis on diversity; social and economic justice, and empowerment, especially for oppressed and at-risk families and groups. **Prerequisite: SWK 110.**

312. Family Violence**3 credits**

This course presents a comprehensive introduction to the study of family violence. Students are informed about current controversies in the field from a variety of perspectives-legal, medical and social. Numerous specialty areas covered include: spousal abuse, child physical abuse, sexual abuse, neglect, sexual offenders, and elder abuse.

313. Psychopathology: Clinical Case Management**3 credits**

This course equips future mental health practitioners with a model and theory for case management with the mentally ill. Students learn assessment techniques, intervention strategies and empirical tools for monitoring symptoms and progress of clients with a variety of mental illnesses.

314. Regulating Women's Lives through Social Welfare Policy**3 credits**

This course reconceptualizes the dynamics of the U.S. social welfare system from the perspective of gender, race and class. It examines the ways in which the codification of the family ethic in colonial poor laws, family law, and slave codes operated to regulate women's productive and reproductive roles. It then considers the ways the colonial poor laws were reformed to produce the modern social welfare state which continues to articulate antiquated roles and proper spheres for women despite technological revolutions that have transformed our economy. Finally, it will envision what a truly post modernized, woman-friendly welfare state might look like.

315. Macro Practice**3 credits**

This course focuses on generalist practice theory and skills as applied to communities, organizations and oppressed populations. Issues of social justice and social action are emphasized. **Prerequisite: SWK 310 or 311.**

316. Social Work with the Aged: Policy and Practice**3 credits**

This course focuses on assessment of the intervention with elderly individuals and their families. It examines problems encountered by aging persons and prepares students with the wide range of skills and practice modalities necessary for effective practice with this population: group work, case management, consultation, and beginning skills in program planning and administration. The course also explores the development and scope of public policies directed toward older persons such as public and private insurance for chronic care needs, housing and community based services, income maintenance programs and future policies for the aged.

410. Field Placement**1-3 credits**

Students choose from a variety of settings which provide applied experience in practice areas such as: gerontology, school social work, child welfare, family services, criminal justice, health, mental health, public welfare, developmental disabilities, hospice, domestic violence, medical social work, student affairs, research, needs assessment, community organizing and adolescent development. This course may be taken multiple times up to a maximum of 12 credits. **Prerequisites: Junior standing, 110, and 310 or 311. Fee.**

SOCIOLOGY

Sociology as a science of society and human interests develops our understanding of how we, as social beings, are woven into the fabric of our society; it aids us in understanding what is happening about us and what social forces are coming to bear on our lives. It is distinguished by two characteristics: 1) its approach to phenomena is scientific; 2) its subject matter is human interaction. The Department of Sociology also strives to introduce students to the scientific study of cross-cultural differences and similarities.

The Sociology major is designed to prepare students for continuing education on the graduate level or for immediate employment especially in social and public service. Those who major in sociology find their studies useful in seeking employment in industrial and personnel management programs, in counseling and directing activities for various age groups and in urban planning careers. Others who have majored in sociology pursued graduate studies in sociology or in the fields of social work, law, business administration, anthropology, education, and public administration.

MAJOR IN SOCIOLOGY (37 credits)

REQUIRED: 6 courses (19 credits)

111 Intro to Sociology	221 Social Theory	224 Soc Research Design
112 Culture & Society	223 Research Methods	225 Statistics

Choose a minimum of 12 credits from:

114 Social Problems & Soc Welfare	227 Racial & Ethnic Relations
115 Gender and Culture	302 Political Sociology
117 Juvenile Justice	442 The Urban Community
119 Marriage & Family	443 Collective Action & Social Change
216 The Individual & Society	446 Criminal Law
220 Criminology	447 Law and Society
222 The Social Self: Socialization	454 Social Science Seminar
226 Industrial Sociology	

ELECTIVES: Any 6 credits from Sociology.

MINOR IN SOCIOLOGY (18 credits)

REQUIRED: 2 courses (6 credits)

111 Intro to Sociology	112 Culture & Society
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Choose 9 credits from:

114 Social Problems & Welfare	216 The Individual & Society	220 Criminology
119 Marriage & Family Life	227 Racial & Ethnic Relations	302 Political Soc

ELECTIVES: Any 3 credits from Sociology.

COURSE DESCRIPTIONS

111. Introductory Sociology

3 credits

This course is a study of human relationships. It is an introductory survey of the concepts, theories and methods used to explain social behavior.

112. Culture and Society

3 credits

This course focuses on the great diversity of living cultures revealing the range of human values, world-view, language and adaptations to survival. Theories of differences of culture--pre-literate and modern, the formation of personality and the importance of social structure will be studied.

113. Introduction to Criminal Justice (CJ 113)

3 credits

This course will offer students an overview of the entire field of criminal justice. Introducing the students to: elements of criminal law, profiles of offenders, profiles of victims of crime, the prevalence of crime, the enforcers of law, and the punishment of criminals. The course will also include information about the prevention of criminal activity.

114. Social Problems and Social Welfare

3 credits

In this course American perspectives on social problems and social welfare are placed in historical and theoretical context. Emphasis is given to: 1) the impact of social disparity and political and economic forces on problem/need definition, and 2) the contributions of different theoretical perspectives to problem analyses and strategies of social intervention.

115. Gender and Culture

3 credits

A study of male-female relations from a cross-cultural perspective. Consideration is given to the place of men and women in the social, economic, political and religious realms of various societies, including contemporary America, and to differing theories and conceptualizations of gender role differences and similarities.

117. Juvenile Justice (CJ 117)

3 credits

This course involves a study of the juvenile justice system. Areas of focus include: types of offenders, the extent of the juvenile delinquency problem, historical developments in the handling of juvenile offenders, and the current structure, objectives, responsibilities, and functions of the juvenile justice system. **Prerequisite: CJ/SOC 113.**

119. Marriage and Family Life (PSY 119)

3 credits

A review of the social-cultural factors that shape the nature of courtship, marriage and family relationships. Special emphasis is placed on contemporary Western societies. The dynamics of marriage and family life are discussed in detail. Self-actualization of individual family members, communication within the family, and task-orientation are taught as skills.

216. The Individual and Society; Social Psychology (PSY 216) 3 credits

This course covers material that is at the intersection between Psychology and Sociology. Both of these disciplines take a slightly different yet related approach to the study of social psychology. During this course we will discuss central issues from both Psychological Social Psychology (P.S.P.) and Sociological Social Psychology (S.S.P.). The following topics are covered: Research Methods, Influence, Conformity, Attribution, Attitudes, Authority, Social Influence, Gender, Self, Socialization, Symbolic Interaction, Emotions, Status Characteristics, Social Exchange, and Interdependence. **Prerequisite: PSY 110 or SOC 111.**

220. Criminology (CJ 220) 3 credits

Study of the factors that cause crime and criminal behavior, organization of criminal behavior, theories and practices of criminal control and rehabilitation. **Prerequisite: CJ/SOC 113.**

221. Social Theory 3 credits

Social theory focuses on the organic, conflict and social behavioristic schools of theory. Representatives studied are the classical social theorists Durkheim, Marx, and Weber and selected modern theories. This course is an upper-level course required of majors and generally taken in junior or senior year. The course is taught in alternate years, the fall semester of even-numbered years. **Prerequisite: SOC 111.**

222. The Social Self: Socialization 3 credits

A study of the process by which people acquire physical, mental and social skills needed to survive and become both individuals and members of society. The primary focus is on the process of socialization from childhood through adulthood.

223. Research Methods 3 credits

An introduction to the qualitative and quantitative methods employed by social scientists. Emphasis is given to alternative choices of design, sampling techniques, instruments and appropriate interpretive and analytical procedures encountered in the process of social scientific research. **Prerequisite: SOC 111.**

224. Sociological Research Design 3 credits

Continuation of SOC 223. Required course with emphasis on designing their own research projects. **Prerequisites: SOC 111 and 223.**

225. Statistics (PSY 225; POL 225) 4 credits

An introduction to statistical methods covering data description, graphing techniques, measurements scales, standardized scores, correlation, regression, elementary probability, repeated-measures and independent-groups t-tests, one-way and factorial analysis of variance, and chi-square. The approach to these topics is more conceptual than numerical or mathematical. A prior knowledge of junior-high school algebra is helpful.

226. Industrial Sociology 3 credits

This course studies the relationships of modern industrial organizations to other institutions in society; political systems, social class systems, and economic systems. In addition to studying relations between the industrial organizations other systems, this course examines concerns within the organizations such as formal and informal behavior and intergroup conflicts and adjustments.

227. Racial and Ethnic Relations **3 credits**

An analysis of relations between dominant and minority populations (e.g., racial, ethnic, cultural, and religious groups) in complex societies, with emphasis given to the contemporary United States.

228. Transcultural Nursing **3 credits**

This course presents an appreciation of cross-cultural differences as a component of successful interactions with culturally diverse clients and families. The ultimate goal is for the learner to recognize, understand and appreciate cultural similarities and differences between the client and the nurse. Fulfillment of this goal impacts directly on the level of nursing care delivered and ultimately on client growth and wellness.

302. Political Sociology **3 credits**

A study of the social basis of political behavior and beliefs, and the social foundations of political institutions at both local and extra-local levels.

332. Crime Preventions (CJ 332) **3 credits**

This course will emphasize the prevention of criminal activity. This includes strategies to help prevent oneself from becoming a victim, and protect one's property. We will learn about a variety of crime prevention programs used by police from all over the country. Special emphasis will focus on identifying problems, and stopping criminal activity and preventing future criminal activity. **Prerequisite: CJ/SOC 220.**

333. Corrections (CJ 333) **3 credits**

This course focuses on institutions of corrections, particularly jails and prisons. It will include the changing nature of institutions of incarceration, and current problems faced by wardens, guards, and inmates, and the changing nature of the inmate population. Attention will also be given to alternatives to incarceration. **Prerequisite: CJ/SOC 220.**

359. Topics in Sociology/Social Services **3 credits**

This course is flexible in content, with its focus determined by student and faculty interest, current trends, and departmental needs. Examples of possible topics include contemporary theory, the sociology of religion, gerontology, the sociology of sport, etc.

360-371. Practicum **1-3 credits**

Practica are designed to provide students with experience in service settings under supervision of professional staff members. For each academic credit, 30 hours of direct contact are required. All practica are offered every semester. This course may be taken only with the written permission of the Department chair. **Prerequisite: SOC 114.**

360 Gerontology	365 Public Welfare	362 Criminal Justice
363 Family Services	268 Health	371 Juvenile Delinquency

390. Field Experience (Internship) **3-9 credits**

This course is an assignment of eight to 15 weeks with an approved organization so that the student may have an extended learning experience. Each student will be assigned to a professional supervisor and will carry out a variety of on-the-job tasks. **Prerequisite: 24 credits within the major.**

442. The Urban Community

3 credits

A review of the processes underlying the development of rural, urban and suburban communities. Special emphasis is given to the neighborhood structure and organization, housing and land use, human behavior, patterns of community growth, and community planning.

443. Collective Action and Social Change

3 credits

A study of the origins and nature of collective behavior and its relationship to social change, topics covered include: social movements, community organizations, obstacles to change, patterns and strategies of change.

446. Criminal Law (CJ 446)

3 credits

Criminal law is the body of law defining crimes. Cases and statutes describing the essential elements of substantial criminal law will be analyzed. Crimes prohibited by Acts of Congress and triable in federal court as well as those prohibited under state law and triable in state courts will be among the topics studied. **Juniors/Seniors Only.**

447. Law and Society

3 credits

This course examines some of the interrelationships among law, culture and society. It includes units in the following areas: (1) the disputing process and dispute resolution from a cross-cultural perspective, (2) the American legal system in practice, and (3) law and social change. **Junior/Senior CJ/SOC Majors Only.**

454. Social Science Seminar (PSY 454)

3 credits

Intensive consideration of a problem or issue of interest to social scientists. This is an interdisciplinary course in which students interact with faculty and students from other departments in the social sciences and undertake a research project utilizing the methods and perspectives found in their own major discipline. For upper-level students. By invitation only.

455. Independent Study

1-3 credits

A flexibly structured course allowing a student to pursue a specific topic or field experience under the supervision of a member of the Department or a field representative.

RENSSELAER PROGRAM OF CHURCH MUSIC AND LITURGY

A Summer Program

Saint Joseph's College offers its Rensselaer Program of Church Music and Liturgy as a summer program designed especially for non-traditional students. Through this program persons who already have job or family responsibilities are able to pursue professional training. They may work towards accredited degrees, continuing education certificates, or simply enjoy the program as a refreshing summer sabbatical.

Music and Liturgy Together

A strong feature of the program, from its beginning, is the way it allows persons to study music and liturgy together in a balanced sequence. Increasingly, church communities are seeking people, competent in music, but also with strong liturgical backgrounds. In the Rensselaer Program students are able to increase their knowledge of music, improve their musical skills, and, at the same time, gain a solid formation in liturgy.

Pastorally Oriented

The program is pastorally oriented, ideal for church musicians, parish liturgists, and music teachers. The program helps students to see their work in music and liturgy as a true ministry of service to the gathered assembly. While not emphasizing performance, the program still insists on high standards of personal musical skills.

Summer Chorus

A very popular part of the program is the summer chorus. The chorus has frequently sung at conventions of the **National Association of Pastoral Musicians**. Full-time students are required to be part of the chorus. For those working towards accredited degrees, the rehearsal and concert experiences are integral to the degree work.

History of the Program

In 1960, Saint Joseph's College initiated its Summer Institute of Liturgical Music, which offered a comprehensive program leading to the Bachelor of Arts degree or a certificate. In 1963, the Institute was extended to the full school year and two additional concentrations were added, piano and organ. A concentration in Theory and Composition was introduced in 1965. In 1970, the designation of the Liturgical Music concentration was changed to Church Music in order to indicate that the training provided could well fit the needs of both Roman Catholic church musicians and those of other faiths.

A graduate program was initiated in 1966 in affiliation with DePaul University Graduate School: Music Division. On July 28, 1972, North Central Association of Colleges and Secondary Schools granted full accreditation to Saint Joseph's College independent graduate program, offering a Master of Arts Degree in Music with a concentration in Church Music.

MASTER OF ARTS IN MUSIC

Concentration in Church Music and Liturgy

- 30 credits
- Graduate paper and service recital
- May be completed entirely through summer sessions
- BA may be in another field besides music

This graduate degree is designed for the person who has already attained a bachelor's degree, has a competence in music, and would now like to specialize in church music and liturgy. It is a 30-credit degree. Assuming that there are no undergraduate deficiencies to make up, the course work can be completed in four summers. The graduate paper and service recital, part of the degree requirement, are to be done outside of these four summers.

Students choose one emphasis in this degree: organ, voice, composition, piano, ensemble music, or conducting. Students may choose to do multiple emphases in this degree, but this usually extends the course work beyond that of four summers.

MASTER OF ARTS IN PASTORAL LITURGY AND MUSIC

- 30 credits
- Graduate paper
- May be completed entirely through summer sessions

This graduate degree is designed for the person who has already attained a bachelor's degree and would now like to specialize in pastoral liturgy and music. It provides more intensive work for those who wish to emphasize liturgical study and does not require any particular proficiency or specialization in a musical discipline. The music courses are chosen to support practical supervision of a Catholic liturgy and music program or a worship program of another Christian tradition.

SECOND BACHELOR DEGREE

Bachelor of Arts in Music: *Concentration in Church Music*

- 24 credits minimum if all other requirements are met
- Includes 12 credits particular to church music and six credits of liturgy. It may also include credits in music theory and applied music
- Equivalencies are considered. No areas of study already covered need be repeated
- May be completed entirely through summer sessions

This degree is ideal for persons who have a modest background in music, but find themselves in a ministry of church music, or desire to become a minister of music. See page 138 for a complete listing of requirements.

Church Music Concentration

Adding the Church Music concentration to an already-earned Bachelor of Arts in Music is ideal for the person trained in music, but needing a greater foundation in church music. This option requires a minimum of 18 credits if all other requirements are met. This results in an endorsement, rather than an additional degree.

OTHER UNDERGRADUATE DEGREES

Bachelor of Arts in Music: *Concentration in Church Music*

- 120 credits
- Music and liturgy courses may be taken during the summer sessions, but the degree itself cannot be completed in summers alone.

The Bachelor of Arts is for those seeking their first degree. It includes at least 50 credits of music and liturgy, 45 credits of integrated liberal arts courses (Cores 1-10) and 18 credits in a minor. The applied music emphasis may be in composition, conducting, guitar, piano, organ, or voice. See page 138 for a complete listing of requirements.

Associate of Arts in Church Music and Liturgy

- 60 credits
- May be completed entirely through summer sessions if one already holds a BA in any field. Otherwise music and liturgy courses may be taken during the summer sessions, but the degree cannot be completed in summers alone.

The Associate of Arts includes 36 credits of music and liturgy and 24 credits of integrated liberal arts courses (Cores 1-4). At least 30 credits must be taken at Saint Joseph's College. The liberal arts courses are not required of those who already have a bachelor's degree, but at least 18 credits must be taken from Saint Joseph's College.

CONTINUING EDUCATION

Certificate in Church Music and Liturgy

- 25-26 credits
- May be completed in summers alone

The certificate is ideal for persons who wish to deepen their foundations in church music and liturgy, but do not necessarily envision the completion of a formal degree. If later they should decide to complete a formal degree, courses taken for the certificate may be applied towards that degree. A minimum of 12 credits must be taken at Saint Joseph's College. Music courses may be waived in virtue of passing placement examinations. Keyboard ability adequate to accompany hymns is a prerequisite.

Diploma in Pastoral Liturgy

- 18 credits in liturgy
- May include electives in music if so desired.
- Easily completed in three summers.

The diploma is designed for the person who would like to acquire a knowledge in liturgy. It is well suited to the needs of a pastoral liturgist, a pastoral musician who is already trained in music, a music teacher in a parochial school, or the like. It does not lead to a formal degree, but courses taken may be later applied towards the graduate or undergraduate degree.

PERSONAL ENRICHMENT

July Sabbatical

Students design a sabbatical to suit their own needs. They choose from the offered courses and may take them for credit or audit. July Sabbatical students are welcome to use the library, practice rooms, including practice times on any of the organs, the sports and recreational facilities. Faculty also are available to sabbatical students for individual consultation. Students are also welcome to sing in the chorus and participate in community functions. They may also assist in preparing and celebrating the community liturgies.

The pleasant, rural campus provides many peaceful places to retreat for a few hours. Among them, the quiet wooded grotto is very popular. The campus includes a small lake and beach regularly staffed with a lifeguard and open for swimming.

SPECIAL FEATURES OF THE PROGRAM

- Learning is in a supportive, non-competitive atmosphere. A great deal of learning occurs in the casual interaction among the students themselves.
- Faculty are readily available to students for individual attention. They frequently eat with the students and take part in most community functions.
- The learning community is small. Students readily get to know each other and the faculty as well.
- Faculty and students gather several times a week for the Eucharist, evening prayer or some other form of communal worship.
- Students have "hands on" opportunities to plan and participate in the liturgical celebrations.
- A computer laboratory with 30 Gateway Pentium 700mhz computers is available to students. It includes two computers that have composing software.
- The program uses the modern, state-of-the-art, Core Education Center of Saint Joseph's College.

SCHOLARSHIPS

The **National Association of Pastoral Musicians** and the **Friends of the Rensselaer Program** both provide a \$1,000 scholarship. Smaller, \$500 scholarships are also available.

ACCOMMODATING NON-TRADITIONAL STUDENTS

- Most degrees may be earned entirely through summer sessions.
- Sessions are only a month long in duration.
- Sessions occur during the month of July when most parish activities have slowed.
- Students are usually free weekends should they choose to continue weekend responsibilities or if family commitments do not allow them to be gone the entire month. (Concert weekend is the only exception)

Non-Degree Seeking Students

Qualified students may enroll for individual courses with the approval of the Graduate Director.

Prerequisite courses taken at Saint Joseph's College must be taken for credit.

ACADEMIC POLICIES

Class Load

The normal class load for the summer session is six to seven credits. Exceptions need the approval of the Graduate Director.

Independent Study

The graduate program provides the opportunity for a student to pursue special topics or projects apart from regularly scheduled courses. The student registers for such independent study at the beginning of the session.

Directed Study

Occasionally a student may need a course listed in the graduate bulletin but not officially offered in the given summer session. Registration for such a course requires the approval of the Provost and the consent of the appropriate instructor. The number of instructor-student meetings is determined by the instructor.

Class Withdrawal

A student who withdraws from a course before the stated deadline for the summer session will receive a W in the course. A student who withdraws later than the stated deadline for the summer session will receive an F in the course.

Grading System and Quality Points

<u>Grade</u>	<u>Quality Points</u>	<u>Grade</u>
A	4.000	W (Withdrawal)
A-	3.670	I (Incomplete)
B+	3.330	Z (Non-credit /Audit)
B (above average)	3.000	N (Not pass - no credit)
B-	2.670	P (Pass)
C+	2.330	
C (average)	2.000	
C-	1.670	
D+	1.330	
D (Acceptable but poor)	1.000	
F	0.000	

Graduation Requirements

1. The successful passing of 30 or more credits applicable toward the degree as indicated in one of the six emphases with a grade of C or above.
2. A cumulative GPA of 3.000 or above.
3. The fulfillment of residence and time requirements, as follows:
 - a. **Residence.** Normally all courses for the degree must be taken at SJC. With special permission of the Graduate Director a maximum of six credits of graduate work may be transferred from another institution provided the grade earned was B or above.
 - b. **Time.** All work applicable toward the degree must have been done within the span of seven years. Work beyond seven years before the proposed graduation must be validated by a special examination.
4. Graduation Projects as indicated under each degree.

MASTER OF ARTS IN MUSIC

Concentration: Church Music and Liturgy

Admission Requirements

1. Bachelor's degree in any field from an accredited college or university.
2. Cumulative GPA of 2.500 in undergraduate work.
3. Successful completion of placement examinations.
4. Those choosing the composition emphasis must also submit two of their most advanced, recent compositions and demonstrate undergraduate proficiency in orchestration.

Placement Examinations are required in music theory, history, conducting, voice, keyboard (piano or organ), and keyboard harmony. If an examination is failed, students may elect to retake the examination at a later time, or, in the areas of theory, history, and conducting, a student may elect to enroll for credit in a comparable undergraduate course. In the areas of applied music, however, the examinations must be retaken.

Students must also pass a placement examination in Eighteenth Century counterpoint unless they have previously taken a course in that area.

Students are to take the examinations at the beginning of the summer session in which they initiate work toward the MA degree. The examinations are conducted on the two days prior to the opening of the summer session. All examinations must be passed before a student will be allowed to begin her/his third summer of classes. Graduate work in a particular area of study may not be initiated until the student has passed the placement examination in that area.

Graduation Projects

Graduate Research Paper

1 credit

The graduate research paper is an in-depth study of some topic in the area of church music or liturgy. It is usually related to the material of the graduate service recital. The paper should be 30 to 50 pages in length. The student prepares the paper with the assistance of a faculty advisor. The "**Graduate Research Paper Guidelines**" are to be carefully followed.

Service Recital

1 credit

The service recital is an opportunity for students to demonstrate their skill of integrating liturgical and musical elements into a unified worship experience. The service recital must include significant elements of both liturgy and music. It must result in an aesthetic and clearly articulated expression of genuine worship. The musical elements must reflect the particular emphasis which the student has chosen for her/his degree work.

The student is to design and coordinate the service with the help of faculty advisors, one for music and another for liturgy. In actual celebration of the service, the student is to take a significant performing role which demonstrates competence in her/his chosen emphasis. Sound liturgical principles are to be demonstrated. This includes active participation of the entire assembly, well prepared liturgical ministers, and theologically secure texts. The length of the service is to be at least 30 minutes, but not more than 60 minutes. The "**Graduate Service Recital Guidelines**" are to be carefully followed. A video tape of the service recital is to be submitted to the graduate director.

Program of Studies

All Emphases (17 credits):

511. Liturgical Foundations: Theology, History and Praxis	3 credits
513. Liturgy Planning & Coordinating of Ministries	3 credits
Liturgy Electives	4 credits
617. Arranging for the Church Musician	3 credits
647. Principles of Service Playing	1 credit
648. Principles of Cantoral Singing	1 credit
680. Graduate Service Recital	1 credit
681. Graduate Research Paper	1 credit

Organ Emphasis (additional 13 credits; 30 credits total)

One course in conducting or Gregorian paleography	2 credits
631. Organ Literature and Registration I (beginning to 1750)	2 credits
632. Organ Literature and Registration II (1750 to the present)	2 credits
633. Organ Structure and History	1 credit
636. Coordinating Ensembles from the Keyboard	1 credit
641. Organ	4 credits
642. Voice	1 credit

Voice Emphasis (additional 13 credits; 30 credits total)

612. Survey of Sacred Choral Music	2 credits
621. Gregorian Chant: Interpretation and Chironomy	2 credits
One course in conducting	2 credits
634. Hymnody and Psalmody	1 credit
642. Voice	4 credits
651. Vocal Pedagogy	2 credits

Composition Emphasis (additional 13 credits; 30 credits total)

611. Sixteenth Century Counterpoint	2 credits
613. Twentieth-century Techniques	2 credits
623. Score Preparation and Conducting II	2 credits
634. Hymnody and Psalmody	1 credit
614. Composition I	2 credits
615. Composition II	2 credits
616. Composition III	2 credits

Conducting Emphasis (additional 13 credits; 30 credits total)

612. Survey of Sacred Choral Music	2 credits
621. Gregorian Chant: Interpretation and Chironomy	2 credits
622. Score Preparation and Conducting I	2 credits
623. Score Preparation and Conducting II	2 credits
624. Score Preparation and Conducting III	2 credits
634. Hymnody and Psalmody	1 credit
642. Voice	2 credits

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Ensemble Music Emphasis (additional 13 credits; 30 credits total)

One course in conducting or Gregorian chant	2 credits
612. Survey of Sacred Choral Music	2 credits
618. Survey of Sacred Instrumental Music	2 credits
634. Hymnody and Psalmody	1 credit
641. Organ, 642. Voice, or 643. Piano	1 credit
642. Voice	1 credit
646. Ensemble Instrument (A-Guitar, B-Flute)	4 credits

Piano Emphasis (additional 13 credits; 30 credits total)

One course in conducting or Gregorian Chant	2 credits
634. Hymnody and Psalmody	1 credit
636. Coordinating Ensembles from the Keyboard	1 credit
641. Organ or 642. Voice	1 credit
643. Piano	4 credits
647. Principles of Service Playing	1 credit
648. Principles of Cantoral Singing	1 credit
652. Piano Repertoire and Improvisation for the Liturgical Musician	2 credits

MASTER OF ARTS IN PASTORAL LITURGY AND MUSIC

Admission Requirements

1. Bachelor's degree in any field from an accredited college or university.
2. Cumulative GPA of 2.500 in undergraduate work.

Graduation Projects

Graduate Research Paper (see description on page 188)	1 credit
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Ritual Presentation	1 credit
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The student will organize either a special liturgical celebration based on a rite of the Catholic Church, a regular liturgy for a holy day from a season such as the Easter Triduum, the Octaves of Christmas, Easter, or Pentecost, or a significant celebration from within the student's Christian worship tradition. This presentation will demonstrate sound liturgical principles, creativity in composing prayers, environment, and other elements of the celebration, and organizational skills in recruiting people for liturgical roles. The student is to have a visible leadership role in the presentation, with music being an integral part, however, leadership is not required in the musical portion.

Program of Studies

Liturgy Requirements (20 credits)

511. Liturgical Foundations: Theology, History, Praxis	3 credits
513. Liturgical Planning and Coordination	3 credits
517. Rites of Christian Initiation	2 credits
520. Liturgy of the Hours	2 credits
521. The Eucharist in Christian Tradition	2 credits
522. The Liturgical Year	2 credits
681. Graduate Research Paper	1 credit
682. Ritual Presentation	1 credit
Liturgy Electives	4 credits

Music Requirements (10 credits)

617. Arranging for the Church Musician	3 credits
621. Gregorian Chant: Interpretation and Chironomy	2 credits
634. Hymnody and Psalmody	1 credit
641. Organ, 642. Voice, 643. Piano, 646A Guitar, or 646B Flute	1 credit
648. Principles of Cantoral Singing	1 credit
One conducting course (622, 623, or 624)	2 credits

ASSOCIATE OF ARTS DEGREE IN CHURCH MUSIC & LITURGY (60 credits)

CORE 1, 2, 3, 4	24 credits
15 credits in Music History, Theory and Conducting	
010, 011, 012 Synthesis of Music History I, II, III	3 credits
120, 121 Music Theory I & Lab	4 credits
122 Music Theory II & Lab	4 credits
350 Principles of Conducting	2 credits
351 Advanced Conducting	2 credits
10 credits in Applied Music	
2 credits each in Piano, Guitar, and Voice	6 credits
Organ	3 credits
Elective	1 credit
7 credits in Liturgy including: 513 Liturgy Planning and Coordinating of Ministries	

CERTIFICATE IN CHURCH MUSIC AND LITURGY (25-26 credits)

Prerequisite

Keyboard ability to accompany service music and hymns.

Program of Studies

12 credits in Music Theory and Conducting	
013 Music Fundamentals	2 credits
120 Music Theory I	3 credits
121 Music Theory I Lab	1 credit
122 Music Theory II	3 credits
123 Music Theory II Lab	1 credit
350 Principles of Conducting	2 credits
Applied Music	
3 credits in piano, organ, voice or guitar OR 351 Advanced Conducting	2 credits
12 credits in Liturgy, including:	
511 Liturgical Foundations: Theology, History, and Praxis	3 credits
513 Liturgy Planning and Coordinating of Ministries	3 credits

Residence Requirement (12 credits)

DIPLOMA IN PASTORAL LITURGY (18 credits)

511 Liturgical Foundations: Theology, History, and Praxis	3 credits
513 Liturgy Planning and Coordinating of Ministries	3 credits
522 The Liturgical Year	2 credits
Electives in Liturgy (4 credits may be in music)	10 credits

Residence Requirements (14 credits)

COURSE OFFERINGS

Graduate Courses in Music

501. Summer Chorus**1 credit**

The summer chorus offers an opportunity to train under a master conductor and participate in the singing of sacred masterworks. The chorus meets four times a week and presents an annual concert. Full-time students are required to participate. Credit is optional. The grade will be PASS/NOT PASS.

*Theory and Composition***611. Sixteenth-century Counterpoint****2 credits**

Understanding and appreciation of 16th-century contrapuntal style are fostered through performance and analysis of vocal polyphony of the period. Exercises, using polyphonic modes are written in open score up to four voices. **Prerequisite: The student must have passed the graduate placement exam in theory.**

613. Twentieth-century Techniques**2 credits**

A practical survey of selected 20th-century compositional techniques, using both non-traditional materials and procedures, and traditional materials and procedures in non-traditional ways. **Prerequisite: MUS 226 (Theory IV) or its equivalent.**

614. Composition I**1 or 2 credits**

Compositions for any of the following: vocal solo; keyboard solo; vocal ensembles with keyboard accompaniment and/or instrumental descants. **Prerequisites: MUS 226 (Theory IV) and MUS 442 (Advanced Undergraduate Composition) or their equivalents.**

615. Composition II**1 or 2 credits**

Continuation of Music 614 with attention to composing for instruments. **Prerequisite: MUS 614.**

616. Composition III**1 or 2 credits**

Composition of works for vocal and/or instrumental combinations. **Prerequisites: MUS 614, 615.**

617. Arranging for the Church Musician**3 credits**

Practical methods of arranging liturgical musical forms for use in typical worship settings: Hymns; Acclamations; Psalms; Choral and instrumental ensembles, etc. **Prerequisite: The student must have passed the graduate placement exam in theory.**

618. Survey of Sacred Instrumental Music**2 credits**

A survey of solo and instrumental music for all groupings of instruments from earliest times to present that is appropriate for liturgical use. Evaluations of instrumental supplemental volumes of current Catholic and other hymnals will also be included.

Conducting**621. Gregorian Chant: Interpretation and Chironomy 2 credits**

A study of the basic elements of Gregorian Chant and of interpretation and Chironomy (conducting) in the light of paleographic evidence.

622. Score Preparation and Conducting: I 2 credits

Review of conducting patterns and techniques. Study and conducting of selected Renaissance and Baroque sacred masterworks. The course will include analysis, preparation of conducting scores, and consideration of performance practices.

Prerequisite: Passing of graduate placement exam in conducting.

623. Score Preparation and Conducting: II 2 credits

Review of conducting patterns and techniques. Study and conducting of selected 20th-century sacred masterworks. The course will include analysis, preparation of conducting scores, and consideration of performance practices. **Prerequisite:** Passing of graduate placement exam in conducting.

624. Score Preparation and Conducting: III 2 credits

Review of conducting patterns and techniques. Study and conducting of selected classical and romantic sacred masterworks. The course will include analysis, preparation of conducting scores, and consideration of performance practices. **Prerequisite:** Passing of graduate placement exam in conducting.

History and Literature**612. Survey of Sacred Choral Music 2 credits**

An historical study of stylistic and formal development in, and musical, textual, and liturgical analysis and evaluation of sacred vocal music, including the following forms: mass, motet, vespers, hymns, antiphon, psalm, response, sequence, cantata, passion, and oratorio.

618. Survey of Sacred Instrumental Music 1 credit

A survey of solo and instrumental music for all groupings from earliest times to present that is appropriate for liturgical use. Evaluation of instrumental supplemental volumes of current Catholic and other hymnals will also be included.

631. Organ Literature and Registration I 2 credits

A study of organ literature and the instruments for which it was written, from the earliest times through the music of Johann Sebastian Bach. Authentic registration practices are included. Literature will be evaluated for appropriateness and usability in contemporary liturgical contexts.

632. Organ Literature and Registration II 2 credits

A study of organ literature and the instruments for which it was written, from the Classical period to the present. Authentic registration practices are included. Literature will be evaluated for appropriateness and usability in contemporary liturgical contexts.

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633. Organ Structure and History

1 credit

A study of the history and of the mechanical aspects of the organ. Guidelines for choosing and designing an instrument for the parish church will also be included.

634. Hymnody and Psalmody

1 credit

A study of the history and literature of hymnody and metrical psalmody, with a view to incorporating the knowledge acquired into the student's ministry to a singing church. Special attention is focused on style, historical development, poetic meters, indices, choral arrangements, and liturgical appropriateness.

636. Coordinating Ensembles from the Keyboard

1 credit

Issues in leading choirs and various ensembles from the keyboard will be discussed, and techniques will be developed in coordinating music from the keyboard. Console conducting, score preparation, rehearsal techniques, and placement of ensembles will be explored.

651. Vocal Pedagogy

2 credits

A comparative study of vocal methods. Content includes such areas as teaching vocal production and interpretation and solving vocal problems, such as those occasioned by the changing voice.

652. Piano Repertoire and Improvisation for the Liturgical Musician

2 credits

The literature for the piano from earliest times to present will be considered with a view to usability for liturgy. Special emphasis will be placed on recent publications by Christian publishers (including Catholic publishers). Improvisational and elaborational skills for liturgical use will also be explored.

Applied Music

641. Organ

1 credit

642. Voice

1 credit

643. Piano

1 credit

645. Performance Recital

Variable credit

646A. Ensemble Instrument: Guitar

1 credit

646B. Ensemble Instrument: Flute

1 credit

647. Principles of Service Playing

1 credit

A course in the practical aspects of the use of organ/piano in service playing. Included are proper hymn playing techniques and registrations, alternate harmonizations, the use of the organ/piano with guitars and cantor/congregation music, and basic improvisation.

648. Principles of Cantoral Singing

1 credit

Exploration of the role of the cantor in bringing the song of the worshipping assembly to life by serving as musical "minister of Presence" in facilitating the people's prayer in song. Course content includes the history of the cantor, pertinent Church documents, vocal production and interpretation, improvisation, cantoral style, and literature.

655. Independent Study	1-3 credits
660. Seminar (variable content)	1-3 credits
680. Graduate Service Recital	1 credit
681. Graduate Research Paper	1 credit

Graduate Courses in Liturgy

511. Liturgical Foundations: Theology, History Praxis	3 credits
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Theological perspectives will be developed from the *Constitution on the Sacred Liturgy* and from dialogue with other Christian traditions. The major periods of development in the Christian tradition of worship will provide the historical perspective. Presentations will be kept concrete and pastoral by regular reference to current questions and problems of worship celebrations.

512. Liturgical Thinking and Practice (variable content)	2 credits
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513. Liturgy Planning and Coordinating of Ministries	3 credits
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Designed to foster one's ability to plan liturgy by enabling the understanding that preparing for the celebration of liturgy is a ministry and therefore an art. Rooted in the liturgy documents of the Church, this course will promote the experience of liturgy as “the center of the whole Christian life”. To this end the elements that serve and support liturgical action: music, movement, spoken word, acclamations, silence, environment and the coordination of the various ministries, will be examined. Lecture, dialog, and discussion, as well as experimentation through presentations and projects will provide the ground work for a positive experience in liturgy planning and the coordination of ministries.

514. Recent Liturgical Documents and the Rites	2 credits
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Against the background of various basic liturgical documents, this course will study the *Praenotanda* (Introductions) of all the rites in order to discern patterns which reveal the meaning, importance, and dignity of the rite. Ritual structure, ministries, forms of celebration, adaptations, and pastoral preparation will be investigated with a view toward facilitating and developing conscious and active participation in the rites.

516. Practicalities of Lay Liturgical Leadership	1 credit
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How does one help the liturgy come alive in the parish so as to form and transform the worshipping community? The course will address such things as how to use liturgical books; planning and presiding at wakes, committal services, devotions and Liturgy of the Hours; using the arts to enhance the symbol and ritual aspects of celebration and other practical points of working with worship committees and liturgical ministers. Time will also be allotted for addressing those needs suggested from the group.

517. Rites of Christian Initiation

2 credits

Initiation into the Church, a practice among the early Christians, will be studied in its restored and revised version. The student will examine the process of discerning and ritualizing the stages of conversion in the context of the support, prayer, and witness of the entire faith community--a process which leads through the sacraments of Baptism and Confirmation to the celebration of the Eucharist in the Easter Vigil. Anthropological, historical, theological and liturgical considerations will be included. Pastoral application will be stressed.

518. Sacraments in Tradition, Theology, and Parish Celebration

2 credits

Developing understanding of sacrament will be traced through scripture, tradition, and current thinking. Sacraments regularly celebrated in a parish (Infant Baptism, Marriage, Anointing, Reconciliation) will each be considered in history of development, theological tradition, and pastoral parish celebration.

519. Environment in Worship

2 credits

This course will consider the worship of God and its requirements of tradition, community, hospitality, the experience of mystery, and the opening up of religious symbols as these relate to the environment and art in Catholic worship. The principles set forth in *Built of Living Stones: Art, Architecture and Worship* will be examined and used as criteria in judging a wide variety of environmental situations.

520. Sanctification of Time: Liturgy of the Hours

2 credits

An overview of the Divine Office from Early Christianity to the present. Attention will be given to the daily prayer in the Pre-Constantinian Church, the development of the Divine Office, the classic Cathedral Offices, the classic Monastic Offices, Medieval choir offices and accretions, attempts at reform, and the post-Vatican II Liturgy of the Hours. Special stress is placed on contemporary pastoral celebrations.

521. The Eucharist in Christian Tradition

2 credits

A study of the Eucharist as the central sacrament in the life of the Church, considered in its biblical, ritual, historical, and theological dimensions. This will be accomplished by analysis of ritual elements in their Jewish roots, as well as in scripture and patristic writings, followed by a survey of the history of the sacrament up to the present. Emphasis will be placed on the pastoral character of Eucharist in the life of the Church.

522. The Liturgical Year

2 credits

Sunday, seasons, and saints will be investigated from an historical/theological perspective. Pastoral insights will be regularly drawn with a view to current parish celebration. Marian feasts will be given special consideration.

682. Ritual Presentation

1 credit

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Keith Branson, C.PP.S.

Director, Rensselaer Program of Church Music and Liturgy

D.M.A. in Organ Performance and Composition, University of Kansas, 1989. M.Div., Catholic Theological Union, 2000.

Lawrence F. Heiman, C.PP.S.

Professor Emeritus of Music

M.A., Catholic University of America, 1949; L.C.G., Pontifical Institute of Sacred Music (Rome), 1958; M.C.G., Pontifical Institute of Sacred Music (Rome), 1959; D.S.Mus., Pontifical Institute of Sacred Music (Rome), 1970.

Ralph C. Verdi, C.PP.S.

Associate Professor of Music

M.A., University of Dayton, 1969; M.Div., St. Bernard's Seminary, Rochester, NY, 1961; M.Mus., Eastman School of Music, University of Rochester, 1974; Ph.D., Catholic University of America, 1991.

ASSOCIATE FACULTY

Patricia J. Hughes

M.P.S. Loyola University, New Orleans, LA. 1997; D.Min (cand.) Catholic Theological Union.

Richard Fragomeni

Associate Professor of Liturgy and Preaching, Catholic Theological Union, Chicago, IL. S.T.B., M.A. University of Louvain; M.A., Ph.D., M.Mus., Catholic University of America.

John McIntyre

Visiting lecturer, Texas Christian University; Fort Worth, TX; Choir Director, St. Matthew's Lutheran Church, Fort Worth, TX. M.M., University of Miami, Miami, FL, 1980; D.M.A., University of Southern California, Los Angeles, CA, 1993.

The Rensselaer Program of Church Music and Liturgy was founded by Lawrence F. Heiman, C.PP.S., who directed the program for 36 years. Father Heiman now, with *emeritus* status, continues to teach in the program.

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Application and admission information is available by contacting:

Rensselaer Program of Church Music and Liturgy
Saint Joseph's College
P.O. Box 984, Rensselaer, IN 47978

Telephone: 1-800-447-8781

FAX: 219-866-6122

E-mail: churchmusic@saintjoe.edu

Web site: www.saintjoe.edu/academics/liturgy/

Or contact: Fr. Keith Branson, C.P.P.S
Director Church Music & Liturgy

Telephone: 816-651-3249



*The Saint Joseph's
College Chapel.*

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Michael Malone, *Division Coordinator of Humanities (Art, Communication, English, Foreign Languages, Philosophy/Religion)*

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Chau Wong, Ph.D., *Division Coordinator of Social Science (Economics, Criminal Justice, Education, History, Social Work, Political Science, Psychology, Sociology)*

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Rick O'Dette, *Baseball*

Frank Wilkins, *Softball*

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Tony Baltes, *Assistant Vice President for Facilities & Planning*

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Dianne Mickey, *Director of Financial Aid*

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Kendra Berenda, *Director of Alumni and Parent Relations*

Deana George, *Director of Research*

Breain Ma'Ayteh, *Director of Publications and Media Relations*

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Office of Student Development

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Ernest Watson, Jr., *Associate Dean of Students, Director of Security*

Dottie Collura, *Director of Student Activities*

Dixie Green, *Director of Health Services*

Barbara Robertson, *Director of Career Development*

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Michele Gunkelman, *Director of Housing and Residence Life*

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Rensselaer, Indiana

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FACULTY

Jennifer Barce (1996)

Associate Professor of Education

B.A., Indiana University, 1988; Ph.D., Indiana University, 1995

Frederick R. Berger (1978)

Director of Television and Associate Professor of Communication

B.A., Purdue University, 1976; M.A., Purdue University, 1978.

Robert D. Brodman (1992)

Professor of Biology & Environmental Science

B.A., Rutgers University, 1985; M.S. University of Michigan, 1987; M.S., Eastern Michigan University, 1989; Ph.D., Kent State University, 1992.

John Bequette (2001)

Assistant Professor of Religion

B.A., University of Missouri-Saint Louis, 1992; M.A., Saint Louis University, 1996; Ph.D. Saint Louis University, 2001.

Brian L. Capouch (1985)

Assistant Professor of Computer Science

A.B., Indiana University, 1975; M.S., Purdue University, 1992.

David B. Chattin (1984)

Provost, Vice President for Academic Affairs; Associate Professor of Psychology

B.S., Randolph-Macon College, 1980; M.A., Vanderbilt University, 1982; Ph.D., Vanderbilt University, 1988; Institute for Educational Management, Harvard University, 1993.

Susan Chattin (1991)

Assistant Professor of History

B.S., Saint Joseph's College, 1985; M.A., Valparaiso University, 1991. U.S. Office of Education/Fulbright Foundation Project in Southern Africa, summer 1993; Faculty Exchange in Hainan Province, China, summer 1994; ICIP Research Grant in India, spring, 1996.

David Dixon (2001)

Assistant Professor of Political Science

B.A., Wheaton College, 1985; M.A., Penn State University, 1988; Ph.D., University of Notre Dame, 1997.

Karen E. Donnelly (1984)

Professor of Mathematics

A.B., Indiana University, 1969; Ph.D., Northwestern University, 1975.

Robert Dusek (2002)

Assistant Professor of Computer Science

B.S., Saint Joseph's College, 1998.

John B. Egan (1962)

Professor of Music

B.Mus., College-Conservatory of Music of Cincinnati, 1956; Ph.D., Indiana University, 1962.

204 Administration and Faculty

Philip F. Gilbert, C.PP.S. (1961)

Associate Professor of Mathematics

B.S., Saint Joseph's College, 1952; University of Detroit, 1960-61; B.A., University of Dayton, 1960; M.S., University of Illinois, 1964; Purdue University.

Federick Greene (2002)

Assistant Professor of Criminal Justice and Sociology

B.B.A., Kentucky State University, 1984; J.D., University of Notre Dame Law School, 1987. University of Cincinnati.

Anne M. Gull (1996)

Associate Professor in Chemistry

B.S., Saint Francis College, 1990; Ph.D., Purdue University, 1995.

Neal H. Haskell (1998)

Associate Professor of Biology

B.S., Purdue University, 1969; M.S., Purdue University, 1989; Ph.D., Purdue University, 1993.

William G. Jennings (1965)

Assistant Professor of Physical Education

B.P.E., Purdue University, 1957; M.Ed., Loyola University (Chicago), 1963.

Judith A. Jezierski (1986)

Associate Professor of Nursing

R.N. Roseland Community Hospital School of Nursing; B.S.N., Loyola University; M.S.N., St. Xavier College.

Judith Kanne (1984)

Assistant Professor of Education

B.S. in Ed., Indiana University, 1963; M.S. in Ed., Indiana University, 1974.

Charles M. Kerlin (1968)

Professor of English

B.S., Purdue University, 1960; M.S. Purdue University, 1961; Ph.D., University of Colorado, 1968.

Maia Kingman (1999)

Assistant Professor of English

B.A. Ball State University, 1994; M.A. Ohio University, 1999.

David Kobza (2000)

Assistant Professor of Accounting and Finance

B.S. Purdue University, M.B.A. Indiana University, 1985.

Terra Maienbrook (2001)

Assistant Professor of Accounting

B.S., Saint Joseph's College, 1997. C.P.A. State of Kentucky, 1998.

Paul Magro (2001)

Assistant Professor of Criminal Justice and Sociology

B.S., Calumet College of Saint Joseph, 1995; M.A., Valparaiso University, 1996; Ph.D. (cand.) University of Notre Dame.

Michael Malone (1996)

Associate Professor of Philosophy

B.A., Cardinal Glennon College, 1985; M.A., Saint Louis University, 1994; Ph.D., Saint Louis University, 1997.

Teresa Massoels (1996)*Associate Professor of Marketing and Management*

B.S., Saint Joseph's College, 1989; M.B.A., Indiana University, 1994.

Linda J. McFarland (1999)*Associate Professor of Marketing and Management*

B.S., Indiana State University, 1990; M.B.A., Indiana Wesleyan, 1994.

Timothy McFarland, C.P.P.S. (1985)*Core Coordinator, Associate Vice President for Academic Affairs, Associate Professor of Religion*

B.S., Saint Joseph's College, 1978; M. Div., Catholic Theological Union, 1983; Washington University (summer 1990); Institute for Clinical Health Care Ethics, St. Louis University Medical Center, 1991; Ph.D., St. Louis University, 1995; Institute for Educational Management, Harvard University, 1997.

Margery McIlwain (1986)*Assistant Professor of Mathematics*

B.S., Purdue University, 1972; M.A.T., Purdue University, 1979.

Robert V. Monfort (1980)*Associate Professor of Finance and Accounting*

B.S., Saint Joseph's College, 1972; M.B.A., DePaul University, 1980; C.P.A., State of Indiana, 1979; C.F.A. (Phase 1), Financial Analysts Federation, 1981; J.D., DePaul University, 1988.

William C. Mottolese (1999)*Assistant Professor of English*

B.A., College of the Holy Cross, 1988; M.A., Fordham University, 1993; Ph.D., Fordham University, 1999.

Sally A. Nesselrode (1998)*Assistant Professor of Communications*

B.S., Oklahoma State University, 1987; M.S., Oklahoma State University, 1998.

John P. Nichols (1968)*Professor of Philosophy, NEH Distinguished Professor*

B.A., University of Dayton, 1955; S.T.B., Catholic University of Fribourg, 1961; University of Graz; S.T.L., Catholic University of Fribourg; Ph.L., Catholic University of Louvain, 1965; Ph.D., Catholic University of Louvain, 1967; Danforth Associate, 1977-83; Council for Philosophical Studies Fellowship, 1977, N.E.H. Summer Fellowship, U. of Wyoming, 1984; N.E.H. Summer Seminar Director, 1985; Accreditation Review Council of the North Central Association, 1998-2001; Senior Fellow at the Association of American Colleges and Universities, 1999-2002.

Michael J. Oakes (1998)*Associate Professor of Economics and Finance*

B.A., Indiana University, 1981; M.B.A., University of Rochester, Rochester, NY, 1984.

Roger G. Olson (1992)*Associate Professor of Mathematics*

B.S., State University of New York, College at Oneonta, 1975; The Pennsylvania State University, 1976-77; M.S., University of Notre Dame, 1987; Ph.D., University of Notre Dame, 1991.

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Michael Osowski (2001)

Assistant Professor of Computer Science

B.S., University of Illinois, 1980; M.B.A., University of Denver, 1986.

Robert Pfaff (1993)

Professor of Chemistry, Director of Transfer Orientation

B.A., Augustana College, 1975; M.S. University of Oklahoma, 1978; Ph.D., University of Oklahoma, 1980.

Heidi Rahe (1988)

Dean of Freshmen, Assistant Vice President for Academic Affairs, Assistant Professor in Communication

B.A., Concordia College, 1982; M.A., North Dakota State University, 1984.

John Rahe (1985)

Assistant Professor of Communication and Theatre Arts

A.A., Highland Community College, 1976; B.S., Kansas State University, 1978; M.A., Kansas State University, 1980.

Robert Reuter (1997)

Assistant Professor of Philosophy/Religion

B.A., Cleveland State University, 1984; M.A., Cleveland State University, 1990; Ph.D., Purdue University, 1997.

Patricia E. Robinson, B.V.M. (1977)

Professor of Sociology

B.A. (History), Mundelein College, 1962; M.A. (History), Loyola University, 1964; M.A. (Sociology), University of Notre Dame, 1973; Ph.D., University of Notre Dame, 1977; NEH Summer Fellowship, Northwestern University, 1983; NEH Summer Fellowship, Boston University, 1986.

Thomas J. Ryan (1990)

Associate Professor of Education

B.A., Saint Joseph's College, 1970; M.S., Purdue University, 1973; Ed.D., Nova Southeastern University, 1995.

Catherine A. Salyers (1991)

Head Librarian and Assistant Professor

B.S., Ball State University, 1969; M.L.S., Ball State University, 1979.

Robert E. Schenk (1974)

Professor of Economics

B.A., Saint John's University (Minn.), 1968; M.A., University of Wisconsin, 1970; Ph.D., University of Wisconsin, 1977.

Walter A. Scherb (1969)

Assistant Professor of Marketing Management

B.S., Northern Illinois University, 1965; M.S., Northern Illinois University, 1967.

Mark Seely (1997)

Associate Professor of Psychology

B.S., Eastern Washington University, 1991; M.A., University of California, Davis, 1993; Ph.D., University of California, Davis, 1996.

Kurt A. Shoemaker (1999)

Assistant Professor of Environmental Science

B.S., Mount Union College 1995; Ph.D. (cand.), Miami University.

Gwyn Skrobol (1997)*Assistant Professor of Education*

B.S., Towson State University, 1984; M.A., Governor's State University, 1996.

Ilicia Sprey (2002)*Assistant Professor of History*

B.A., University of Vermont, 1986; M.A., University of Virginia, 1990; Ph.D., University of Virginia 1998.

William J. Stang, C.PP.S. (1977)*Professor of Biology*

B.S., Saint Joseph's College, 1968; M.Div., Catholic Theological Union, 1977; M.A., Indiana State University, 1981; Clinical Pastoral Education, Wales, Wisconsin, summer 1975 and Mendota State Hospital summer 1982; M.D., Indiana University Medical School, 1987.

Joey Tartell (2000)*Assistant Band Director, Assistant Professor*

B.A., Eastman School of Music, 1988; M.A., University of Miami, 1994.

Robb Thiel (1993)*Associate Professor of Music*

B.M.E., University of Evansville, 1979; M.S.E., Indiana University, 1989.

Ralph C. Verdi, C.PP.S. (1974)*Associate Professor of Music*

B.A., University of Dayton (Philosophy), 1967; B.A., Saint Joseph's College (Music), 1969; M.A., University of Dayton, 1969; M.Div., Saint Bernard's Seminary, 1971; M.M., University of Rochester, Eastman School of Music, 1974; Ph.D., Catholic University of America, 1991.

Jody Taylor Watkins (1985)*Reference/Assistant Librarian and Assistant Professor*

B.A., University of Maine at Presque Isle, 1983; M.L.S. George Peabody College for Teachers of Vanderbilt University, 1984; M.S., Purdue University (Anthropology), 1994; Ph.D. (cand.), Purdue University (Anthropology).

Peter Watkins (1989)*Associate Professor of Political Science*

B.A. (Hons), University of Warwick, 1981; A.M., Washington University, 1983; Ph.D., Washington University, 1995.

William A. White (1985)*Professor of History*

B.A., Miami University, 1969; Ph.D., Northwestern University, 1974; NEH Summer Seminar, University of Wisconsin, 1985.

Cheryl Wistrom (1993)*Associate Professor of Chemistry*

B.S., Northern Michigan University, 1984; M.S., University of Michigan, 1986; Ph.D., University of Michigan, 1991.

Chau-Ming Wong (1997)*Associate Professor of Psychology*

B.A., College of Saint Benedict, Minnesota, 1985; M.A., University of Notre Dame, 1990; Ph.D., University of Notre Dame, 1992.

208 Administration and Faculty

Bonita Zimmer (1980)

Associate Professor of Art, Assistant Professor of Education

B.F.A., Indiana University, 1973; B.S., Indiana University, 1975. M.A. Purdue University, 1986.

Suzanne Zurn-Birkhimer (2003)

Assistant Professor of Environmental Science

B.S. University of Minnesota, 1989; M.S. Purdue University, 1999; Ph.D. (cand.) Purdue University.

EMERITI FACULTY

Charles Banet, C.PP.S. (1949-1993)

President Emeritus

Associate Professor Emeritus of Classical Studies

B.A., Saint Joseph's College, 1950; M.A.L.S., University of Michigan, 1951; University of Michigan, 1951-52; Appointed President, 1965; American Council on Education Presidents' Institute, University of Wisconsin, Summer, 1967; Litt.D., Calumet College, 1969; LL.D, Saint Joseph's College, 1991.

Allen J. Broussard (1964-1998)

Associate Professor Emeritus of Accounting

B.S., University of Southwest Louisiana, 1958; M.B.A., University of Arkansas, 1960; C.P.A., State of Indiana, 1968.

Raymond M. Cera, C.PP.S. (1948-1983)

Professor Emeritus of Romance Languages

B.A., Saint Joseph's College, 1949; M.A., Saint John's University (Brooklyn), 1951.

David D. Chesak (1970-2002)

Professor Emeritus of Physics

B.S., Purdue University, 1958; M.E.E., University of Louisville, 1963; Ph.D., Ohio University, 1971; P.E., 1963. NASA Summer Research Institutes, Marshall Space Flight Center, 1967, 1968, and 1974; AEC Summer Institute, Washington State University, 1973; USAF Summer Faculty Research, Edwards Air Force Base, 1976; Summer Faculty Research Fellowship, Johnson Space Center, 1981 and 1982; Navy Summer Faculty Research Fellowship, Naval Aerospace Medical Research Laboratory, Pensacola, 1985.

Michael E. Davis (1952-1998)

Professor Emeritus of Geology

B.S., Kansas State University, 1950; M.S., Kansas State University, 1951; N.S.F., Summer Institute, Millsaps College, 1968; Summer Institute, Wayne State University, 1969; Department of Energy Study, Miami University, 1977; Summer Institute, Rose-Hulman Institute, 1978; DHL, Saint Joseph's College, 1998.

Dominic B. Gerlach, C.PP.S. (1952)

Professor Emeritus of History and German.

M.A., Saint Louis University, 1952; University of Michigan, Summer, 1956; Goethe Institute, Munich, Summer, 1962 and 1972; Catholic University of America, Summer, 1965.

Lawrence F. Heiman, C.PP.S. (1943)*Professor Emeritus of Music*

B.A., Saint Joseph's College, 1945; M.A., Catholic University of America, 1949; Marquette University, Summer, 1950; L.C.G., Pontifical Institute of Sacred Music (Rome), 1958; M.C.G., Pontifical Institute of Sacred Music (Rome), 1959; D.S.Mus., Pontifical Institute of Sacred Music (Rome), 1970.

Duvall Jones (1973-1999)*Professor Emeritus of Biology*

A.B., Western Maryland College, 1995; M.S., University of Maryland, 1961; Ph.D., University of Florida, 1967.

Leonard J. Kostka, C.PP.S. (1948-1979)*Professor Emeritus of Religion*

J.C.L., Catholic University of America, 1942; Seton Hall University, Summer, 1948; Saint Louis University, Summer, 1954.

William J. Kramer, C.PP.S. (1953-1990)*Professor Emeritus of Chemistry*

L.Sc.N., University of Fribourg (Switzerland), 1951; Sc.D., University of Fribourg (Switzerland), 1952.

Hermes D. Kreilkamp (1967-1993)*Professor Emeritus of History and Philosophy*

B.A., Mary Immaculate College, 1945; S.E.O.L., Pontifical Oriental Institute (Rome), 1951; Ph.D., Catholic University of America (History), 1964; M.A., Catholic University of America (Literature), 1966; M.S.L.S., Catholic University of America, 1976.

Edward P. McCarthy, C.PP.S. (1957-1980)*Professor Emeritus of Philosophy*

M.A., Catholic University of America, 1945.

Andrew G. Mehall (1961-1992)*Professor Emeritus of Biology*

B.S., University of Detroit, 1957; M.S., Syracuse University, 1961; Ph.D., University of Illinois, 1970; Research Participant, Illinois Institute of Technology, 1971; N.S.F. Summer Institute, University of Washington, 1965.

John P. Posey (1969-2002)*Professor Emeritus of History*

B.S.Ed., University of Georgia, 1958; M.A., University of Georgia, 1959; Ph.D., University of Georgia, 1962; Ford Foundation Fellowship, Institute of Far Eastern History and Civilization, Florida State University, Summer, 1965; U.S. Office of Education Projects in India, Summers 1972 and 1982; Institute on Egyptian Culture and Society, American University of Cairo, Summer, 1974; N.E.H. Summer Fellowship, Columbia University, 1983.

Charles J. Robbins, C.PP.S. (1940-1978)*Professor Emeritus of Classical Languages*

B.A., Saint Joseph's College, 1940; M.A., Catholic University of America, 1945; Litt.D. Saint Joseph's College, 1978.

210 Administration and Faculty

Charles R. Rueve, C.PP.S. (1946-2001)

Professor Emeritus of Mathematics

B.A., Saint Joseph's College, 1947; M.S., University of Notre Dame, 1949; Ph.D., University of Notre Dame, 1963.

Richard F. Scharf (1940-1981)

Professor Emeritus of Physical Education

B.S., Saint Joseph's College, 1938; M.E. in P.Ed., Indiana University, 1949; LL.D., Saint Joseph's College, 1982.

Robert J. Vigeant (1975-1993)

Assistant Librarian and Assistant Professor Emeritus

A.B., Assumption College, 1950; M.S., Simmons College, 1957.

Paul R. White, C.PP.S. (1956-1992)

Professor Emeritus of Economics

B.A., Saint Joseph's College, 1954; University of Michigan, Summer, 1955; M.A., Catholic University of America, 1956; Cornell University.

ASSOCIATE FACULTY

John Barrientos (1980)

Lecturer in Physical Education

B.S., Saint Joseph's College, 1951; M.S. Purdue University, 1974.

William E. Del Principe (1975)

Associate Professor of Accounting and Finance

B.S., Saint Joseph's College, 1973; M.B.A., DePaul University, 1976; C.P.A., State of Illinois, 1973.

Anne-Marie Egan (1962)

Professor of Music

A.B., Western Maryland College, 1955; M.A., Indiana University, 1957.

Robert J. Garrity (1972)

Professor of Philosophy and English

B.A. (German), LaSalle University, 1953; M.A. (Religion), LaSalle University, 1954; University of Pittsburgh, 1955; University of Georgia, 1958 and 1988; M.A. (Philosophy), Duquesne University, 1962; Ph.D., Duquesne University, 1964; M.A. (English), Purdue University, 1983 and 1994; University of Kansas, 1989; University of Wisconsin, 1990.

John D. Groppe (1962)

Professor of English

B.S., City College of New York, 1954; M.A., Columbia University, 1957; University of Notre Dame, 1957-62. N.E.H. Fellowship, Dartmouth College 1975-76.

David H. Hoover (1966)

Assistant Professor of History

B.A., Saint Joseph's College, 1961; M.A., University of Cincinnati, 1965; Purdue University.

John R. Jezierski (1986)

Lecturer in Nursing

B.S.N., Loyola University; M.S.M. St. Xavier College; C.N.A.A.

Mel Kemp (2002)*Instructor of Accounting*

B.B.A., Washburn University, 1957; C.P.A., 1960.

Jill Kivett (1999)*Lecturer in Spanish*

B.A., Franklin College, 1978; M.S., Indiana University, 1984.

John Larson (2000)*Instructor of Core and Education*

A.B., Indiana University, 1966; M.S., Indiana University, 1967.

William Massoels (1996)*Lecturer in Physical Education*

B.S., Saint Joseph's College, 1989.

J. Philip McGraw (1984)*Lecturer in Business Law*

B.S., Saint Joseph's College, 1970; J.D., Valparaiso University, 1973; National Judicial College (Reno), 1978.

William Oates (1992)*Lecturer in Journalism*

B.A. Milligan College, 1971; M.A. University of Akron, 1984.

Kathryn O'Neill (1988)*Lecturer in Business Law*

B.A., Indiana University, 1970; J.D., Indiana University Law School, 1975.

Lauren W. Orchard (2000)*Choral Director*

B.S.E., Minot State University; M.Div., Assemblies of God Theological Seminary, 1988.

Richard Price (1999)*Lecturer in Psychology*

B.A., Indiana University, 1979; M.S. Purdue University, 1982; Psy.D., Illinois School of Professional Psychology, 1992.

Anita Reed, (1992)*Lecturer, in Nursing*

B.S.N., Ball State University; M.S.N., Valparaiso University, 1994.

Thomas Riva (1998)*Lecturer in Physical Education*

B.A., Albion College; M.A., Western Kentucky University, 1993.

Beth Shoemaker (2002)*Instructor of Science and Core*

B.S., Mount Union College, 1995

Daniel Torson, C.PP.S. (2001)*Lecturer in Religion*

B.M.E., University of Nebraska, 1979; M.Div., Saint John's University, 1990; D.Min., Pacific School of Religion, 2001.

**ASSOCIATE FACULTY IN AFFILIATED
MEDICAL TECHNOLOGY PROGRAMS**

Rosemary Butkiewicz

St. Margaret Mercy Hospital, Hammond, Indiana

Shirley Replogle

Ball Memorial Hospital, Muncie, Indiana



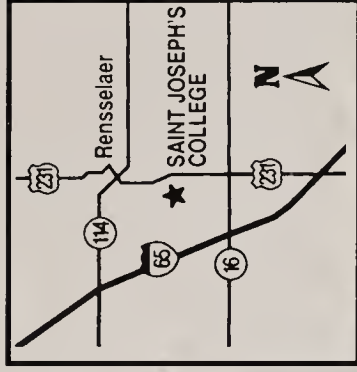
Students participating in a candlelight vigil.

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CAMPUS MAP



◀ To Lafayette and I-65 South

U.S. Hwy. 231

To Rensselaer and I-65 North to Chicago via State Route 114 ▶

- [1] **Main Chapel** - Chapel, WPUM TV-6 studio, psychology lab, offices, Board of Trustees conference room.
- [2] **Schwletermann Hall** - residence for priests and brothers, Johnson Health Center, first floor women's residence hall, Admissions Welcome Center.
- [3] **Xavier - McHale Hall** - administrative offices - President, Registrar, Institutional Advancement & Marketing, Alumni, Financial Aid, Bank, Business Office, Math lab.
- [4] **Aquinas Hall** - Nursing classrooms and offices.
- [5] **Administrative Computer Center** - administrative data processing, faculty offices, copy center, computer lab.
- [6] **WPUM-FM 90.5** - radio station.
- [7] **Post Office** - U.S. Post Office.
- [8] **Maintenance Facility**

- [9] **Lourdes Grotto** - Grotto and Stations of the Cross.
- [10] **Justin Hall** - women's residence hall.
- [11] **Suite-Style Residence Hall** - Upperclass men and women.
- [12] **Joseph L. Minlelli Memorial Field** - men's and women's soccer.
- [13] **Halas Hall** - women's residence hall.
- [14] **Softball Field** - women's softball.
- [15] **Noll Hall** - men's residence hall.
- [16] **Gallagher Hall** - men's residence hall.
- [17] **Lawn Shop**
- [18] **Power Plant**
- [19] **Seifert Hall** - men's residence hall.
- [20] **Halleck Student Center** - The Career Center, Student Association, Multicultural Affairs, Counseling Services, College Store, Student Affairs, Campus Life, Campus Ministry.

- Switchboard, Ballroom, Security and Safety, student dining room, HUB snack bar, CORE XI, day student lounge.
- [21] **Bennett Hall** - men's residence hall.
- [22] **Gil Hodges Memorial Baseball Field/Rueh-Fitzgibbon Baseball Facility** - men's baseball.
- [23] **Alumni Football Field** - football.
- [24] **Track & Field Complex** - NCAA regulation track.
- [25] **Tennis Courts** - men's and women's tennis.
- [26] **Richard F. Scharf Alumni Field House** - men's and women's basketball, women's volleyball, Athletic Director, coaches offices.
- [27] **Hanson Recreation Center** - intramural sports - basketball, racquetball, aerobics, Fitness Center, baseball, tennis, track, Sports Information.

- [28] **Raieigh Hall** - Athletic Director, varsity football, soccer and track offices, weight training room, Art Department and offices.
- [29] **Arts and Science Center** - North-South wing - Music Department, Robinson Memorial Library, auditorium, computer laboratory, East-West wing - physics, chemistry, biology, geology laboratories and classrooms.
- [30] **Merlin Hall** - men's residence hall.
- [31] **Banet Core Education Center** - lecture halls, science lab, multimedia classrooms, Core classrooms, Vice President for Academic Affairs, faculty offices.
- [32] **Reflecting Pond**



SAINT JOSEPH'S COLLEGE INDIANA

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